

A BRIEF AND

Easie way by

TABLES.

To cast up *R*2757.

SILVER

To the Standard of *XI*. Ounces

ij. Pennyweight.

AND
GOLD

To the Standard of *XXII*. Carrots.

WITH

Questions wrought by the *Golden-
Rule*.

Also by *Decimall Tables*.

Calculated by JOHN REYNOLDS
of the Mynt in the Tower.



LONDON,

Printed by THOMAS FAVVET. 1651.

A BRIEF AND

Easy way by

T A B L E

To call up



6 B a

Questions arising by the

Table

Also by Thomas Taylor

Calculus & Logarithms

of the Museum in the Tower

1744

LONDON

Printed by Thomas Haden

24 Carrots, is — 12. Ounces.

1. Carrot, is divided into — 4. Graines.

1. Graine, is — 2. Penny-weight 12. Graines.

Halfe a Graine, is 1. Penny-weight 6. Graines.

One quarter of a Graine, is — 15 Graines.

12 Ounces, — is a Pound-weight, Troy.

20 Penny-weight, — is one Ounce.

24 Graines, — a Penny-weight.

20 Mites, — a Graine.

34 Droits, — a Mite.

20 Perlots, — a Droit.

24 Blanks, — a Perlot.



One pound of a Grain, is — 12 Grains.
Half a Grain is 1, 1/2, weight 6 Grains.
1 Grain is — 1 Penny-weight 12 Grains.
1 Carot, is divided into — 4 Grains.
1 Carot, is — 12 Grains.

12 Grains — is 1 Penny-weight Troy.
12 Grains — is one Ounce.
1 Grain — is 1 Penny-weight.
1 Grain — is 1 Grain.
1 Grain — is 1 Grain.
1 Grain — is 1 Grain.
1 Grain — is 1 Grain.
1 Grain — is 1 Grain.



L.Wt	Dwt	Oz	Mils	Pans
1	0	12	19	17
2	0	1	18	34
3	0	1	14	18
4	0	2	3	17
5	0	2	16	17
6	0	3	5	16
7	0	3	18	16
8	0	4	7	15
9	0	4	20	15
10	0	5	9	14
11	0	5	22	14
20	0	10	19	9
30	0	16	5	3
40	1	1	14	18
45	1	4	7	15
50	1	7	0	12
60	1	12	10	7
70	1	17	20	2
80	2	3	5	16
90	2	8	15	11
100	2	14	1	5
200	5	8	2	11
300	8	2	3	17
400	10	16	5	3
500	13	10	6	9

A Penny half-penny weight.

At the Ounce.

L. wt.	Parts	Mils	Grain.	D. wt.	Ounc.
1	14	18	14	1	0
2	28	16	5	3	0
3	5	15	20	4	0
4	19	13	11	6	0
5	33	11	2	8	0
6	10	10	17	9	0
7	24	8	11	11	0
8	1	7	23	12	0
9	15	5	14	14	0
10	29	3	5	16	0
11	6	2	20	17	0
20	21	7	10	112	1
30	13	11	15	8	2
40	5	15	20	4	3
45	1	7	23	12	3
50	34	18	1	1	4
60	26	2	7	17	4
70	18	6	12	13	5
80	10	10	17	9	6
90	2	14	22	5	7
100	31	3	17	2	8
100	15	25	7	4	16
200	19	13	11	6	24
400	13	11	15	8	32
800	9	19	10	10	40

Parts	Mils	Grain.	D. wt.
12	4	3	0
17	9	6	0
22	14	9	0
17	19	12	0
12	4	16	0
7	9	19	0
2	14	22	0
34	18	1	1
29	3	5	1
24	8	8	1
19	13	11	1

Parts	Mils	Gr.	D. wt.
2	4	0	6
4	8	0	12
8	16	0	5
12	4	1	13
16	12	1	10
20	0	2	12
24	8	2	15
28	16	2	17
mi	pr.		d. gr.
9	3		1
16	2		18
23	1		13
30	0		6
20	0		4

Two penny weight.

1000 Ounces

L. wt.	Ounc.	D. wt.	Grain.	Mils.	Pans.
1	0	2	3	17	31
2	0	4	7	15	25
3	0	6	11	13	19
4	0	8	15	11	13
5	0	10	19	9	7
6	0	12	23	7	1
7	0	15	3	4	32
8	0	17	7	2	25
9	0	19	11	0	20
10	1	1	14	18	14
11	1	3	18	16	8
20	2	3	5	16	28
30	3	4	20	15	5
40	4	6	11	13	19
45	4	17	7	2	26
50	5	8	2	11	33
60	6	9	17	10	10
70	7	11	8	8	24
80	8	12	23	7	01
90	9	14	14	5	15
100	10	16	5	3	29
200	11	12	10	7	21
300	12	8	15	11	13
400	13	4	20	15	25
500	14	1	1	19	34

D. wt.	Grain.	Mils.	Pans.
0	4	6	18
0	8	12	36
0	12	19	17
0	17	5	35
0	21	12	16
1	1	18	34
1	6	5	15
1	10	11	33
1	14	18	14
1	19	4	22
1	23	11	13

D. wt.	Gr.	Gr.	Mils.	Pans.
1	6	0	5	14
2	12	0	10	30
3	—	1	1	29
7	12	1	13	16
10	—	2	3	09
12	12	2	14	—
15	—	3	4	32
17	12	3	15	19
d. t. gr.	—	—	—	—
1	0	—	4	—
18	—	—	3	—
12	—	—	2	—

Two penny weight and a half

At the ounce

Parts	Milles	Grains	D. wt.	Parts	Milles	Grains	D. wt.
1	17	16	0 2	1	8	5	0 5
2	22	9	0 5	2	16	10	0 10
3	33	2	0 8	3	24	16	0 16
4	7	19	0 10	4	32	21	0 21
5	18	6	0 13	5	40	3	1 3
6	29	3	0 16	6	48	8	1 8
7	3	1	0 18	7	56	13	1 13
8	14	18	1 1	8	64	19	1 19
9	25	7	1 4	9	72	26	2 0
10	36	0	1 7	10	80	33	2 6
11	10	10	1 9	11	88	40	2 11
12	35	5	2 14	12	96	48	3 0
13	34	1	4 1	13	104	56	4 0
14	33	2	5 8	14	112	64	5 0
15	14	18	6 1	15	120	72	6 0
16	32	4	6 15	16	128	80	7 0
17	31	17	8 2	17	136	88	8 0
18	30	10	9 9	18	144	96	9 0
19	29	3	10 16	19	152	104	10 0
20	28	5	11 3	20	160	112	11 0
21	27	6	12 10	21	168	120	12 0
22	17	19	13 17	22	176	128	13 0
23	7	9	14 24	23	184	136	14 0
24	1	19	15 31	24	192	144	15 0
25	2	9	16 38	25	200	152	16 0
26	3	18	17 45	26	208	160	17 0
27	4	27	18 52	27	216	168	18 0
28	5	36	19 59	28	224	176	19 0
29	6	45	20 66	29	232	184	20 0
30	7	54	21 73	30	240	192	21 0
31	8	63	22 80	31	248	200	22 0
32	9	72	23 87	32	256	208	23 0
33	10	81	24 94	33	264	216	24 0
34	11	90	25 101	34	272	224	25 0
35	12	99	26 108	35	280	232	26 0
36	13	108	27 115	36	288	240	27 0
37	14	117	28 122	37	296	248	28 0
38	15	126	29 129	38	304	256	29 0
39	16	135	30 136	39	312	264	30 0
40	17	144	31 143	40	320	272	31 0
41	18	153	32 150	41	328	280	32 0
42	19	162	33 157	42	336	288	33 0
43	20	171	34 164	43	344	296	34 0
44	21	180	35 171	44	352	304	35 0
45	22	189	36 178	45	360	312	36 0
46	23	198	37 185	46	368	320	37 0
47	24	207	38 192	47	376	328	38 0
48	25	216	39 199	48	384	336	39 0
49	26	225	40 206	49	392	344	40 0
50	27	234	41 213	50	400	352	41 0
51	28	243	42 220	51	408	360	42 0
52	29	252	43 227	52	416	368	43 0
53	30	261	44 234	53	424	376	44 0
54	31	270	45 241	54	432	384	45 0
55	32	279	46 248	55	440	392	46 0
56	33	288	47 255	56	448	400	47 0
57	34	297	48 262	57	456	408	48 0
58	35	306	49 269	58	464	416	49 0
59	36	315	50 276	59	472	424	50 0
60	37	324	51 283	60	480	432	51 0
61	38	333	52 290	61	488	440	52 0
62	39	342	53 297	62	496	448	53 0
63	40	351	54 304	63	504	456	54 0
64	41	360	55 311	64	512	464	55 0
65	42	369	56 318	65	520	472	56 0
66	43	378	57 325	66	528	480	57 0
67	44	387	58 332	67	536	488	58 0
68	45	396	59 339	68	544	496	59 0
69	46	405	60 346	69	552	504	60 0
70	47	414	61 353	70	560	512	61 0
71	48	423	62 360	71	568	520	62 0
72	49	432	63 367	72	576	528	63 0
73	50	441	64 374	73	584	536	64 0
74	51	450	65 381	74	592	544	65 0
75	52	459	66 388	75	600	552	66 0
76	53	468	67 395	76	608	560	67 0
77	54	477	68 402	77	616	568	68 0
78	55	486	69 409	78	624	576	69 0
79	56	495	70 416	79	632	584	70 0
80	57	504	71 423	80	640	592	71 0
81	58	513	72 430	81	648	600	72 0
82	59	522	73 437	82	656	608	73 0
83	60	531	74 444	83	664	616	74 0
84	61	540	75 451	84	672	624	75 0
85	62	549	76 458	85	680	632	76 0
86	63	558	77 465	86	688	640	77 0
87	64	567	78 472	87	696	648	78 0
88	65	576	79 479	88	704	656	79 0
89	66	585	80 486	89	712	664	80 0
90	67	594	81 493	90	720	672	81 0
91	68	603	82 500	91	728	680	82 0
92	69	612	83 507	92	736	688	83 0
93	70	621	84 514	93	744	696	84 0
94	71	630	85 521	94	752	704	85 0
95	72	639	86 528	95	760	712	86 0
96	73	648	87 535	96	768	720	87 0
97	74	657	88 542	97	776	728	88 0
98	75	666	89 549	98	784	736	89 0
99	76	675	90 556	99	792	744	90 0
100	77	684	91 563	100	800	752	91 0

Three-penny weight.

At the Quay

Parts	Miles	Grain.	D.Wt.
27	9	6	0
17	19	13	0
7	9	19	0
34	18	1	1
24	8	8	1
14	18	14	1
4	8	21	1
31	17	3	2
31	7	10	2
11	17	16	2
1	7	23	2

Parts	Mile	Gr.	d.w.
4	8	0	1
8	16	0	2
16	12	1	5
24	8	2	7
31	4	3	10
3	1	4	12
11	17	4	15
19	13	5	17
mi	6	d.: gr.	1
18	4	18	—
3	3	12	—
23	1	6	—
1	1	4	—

three-penny weight and a half. As the Ounce.

	Parts	Mile	Grain	D. wt	Ounc
1	8	16	18	3	0
2	16	12	13	7	0
3	24	8	8	11	0
4	32	4	3	15	0
5	3	1	22	18	0
6	11	17	16	2	1
7	19	13	11	6	1
8	27	9	6	10	1
9	35	5	1	14	1
10	6	2	20	17	1
11	14	18	14	1	2
20	12	4	16	15	3
30	18	6	12	13	5
40	24	8	8	11	7
45	27	9	6	10	8
50	30	10	4	9	9
60	36	12	0	7	12
70	5	15	20	4	13
80	11	17	16	2	15
90	17	19	13	0	17
100	22	1	9	18	18
200	9	3	18	16	37
300	32	4	3	15	56
400	18	6	12	13	75
500	4	8	21	11	94

Four-penny weight.

At the Ounce

L. wt.	Ounc.	D. wt.	Grain.	Misc.	Pais.	D. wt.	Grain.	Misc.	Pais.
1	0	4	7	15	35	0	8	12	36
2	0	8	15	11	13	0	17	5	39
3	0	12	23	7	1	1	1	18	34
4	0	17	7	2	26	1	10	11	33
5	3	14	18	14		1	19	4	32
6	1	5	22	14	2	2	3	17	31
7	1	10	6	9	27	2	12	10	30
8	1	14	14	5	15	2	21	3	29
9	1	18	22	1	3	3	5	16	28
10	2	3	5	16	28	3	14	9	27
11	2	7	13	12	16	3	23	2	26
20	4	6	11	12	19				
30	6	9	17	10	10	D. wt.	Grain.	Misc.	Pais.
40	8	12	23	7	1	1	6	0	10
45	9	14	14	5	15	2	12	1	12
50	10	16	5	3	29	5		2	3
60	12	19	11	0	20	7	12	3	4
70	15	2	16	17	11	10		4	6
80	17	5	22	14	2	12	12	5	8
90	19	9	4	10	30	15		6	9
100	21	12	10	7	21	17	12	7	11
200	43	4	20	15	5	d. tgr.		unpt.	
300	64	17	7	2	26	1		8	24
400	86	9	17	10	10	18		6	18
500	108	3	3	17	31	12		4	12
						6		2	6
						4		1	16

ounce-prime weight and a half. At the Ounce.

	Ounc.	D. wt.	Grain.	Mile	Parts		D. wt.	Grain.	Mile	Parts	
1	0	4	20	15	5		0	9	14	22	
2	0	9	17	10	10		0	19	9	7	
3	0	14	14	5	15		1	5	3	29	
4	0	19	11	0	20		1	14	18	14	
5	1	4	7	15	25		2	0	12	36	
6	1	9	4	10	30		2	10	7	21	
7	1	14	1	5	35		2	20	2	6	
8	1	18	22	1	3		3	5	16	28	
9	2	3	18	16	8		3	15	11	13	
10	2	8	15	11	13		4	1	5	35	
11	2	13	12	6	18		4	11	0	10	
20	4	17	7	2	26						
30	7	5	22	14	2	D. wt.	Gr.		Gr.	Mile	Part.
40	9	14	14	5	15	1	6		0	12	6
45	10	18	22	1	3	2	12		1	4	12
50	13	3	5	10	28	9			2	8	24
60	14	11	21	8	4	7	12		3	12	36
70	17	0	12	19	17	10			4	17	11
80	19	9	4	10	30	13	12		6	1	23
90	21	17	20	3	6	19			7	5	35
100	24	6	11	13	19	17	12		8	10	10
110	48	13	23	7	1	d. pr.					
120	72	19	11	0	20	1				9	27
130	97	5	32	14	3	18				7	11
140	121	12	10	7	21	14				4	32
150						10	10			2	16
160						4				1	23

Five-penny weight.

At the

L. wt.	Pars.	Miles.	Grain.	D. wt.	L. wt.	Pars.	Miles.	Grain.	D. wt.
1	22	14	9	5	1	22	16	10	0
2	7	9	19	10	2	7	12	31	0
3	29	3	5	16	3	29	8	8	1
4	14	18	14	1	4	14	4	19	1
5	36	12	0	7	5	36	1	6	2
6	21	7	10	12	6	21	17	16	2
7	6	2	20	17	7	6	13	3	3
8	28	16	5	3	8	28	9	14	3
9	13	11	15	8	9	13	5	1	4
10	35	5	1	14	10	35	2	12	4
11	20	0	11	19	11	20	18	22	4
20	33	2	11	8	20	33			
30	31	3	17	2	30	31			
40	29	5	3	16	40	29			
45	28	5	16	3	45	28			
50	27	6	9	10	50	27			
60	25	7	15	4	60	25			
70	23	9	1	18	70	23			
80	31	7	10	12	80	31			
90	19	13	11	6	90	19			
100	17	19	12	0	100	17			
200	34	19	1	4	200	34			
300	14	19	1	14	300	14			
400	31	19	3	8	400	31			
500	11	19	3	16	500	11			

Five-penny weight and a half. As the Ounce.

	Pts.	Miles	Grail.	D. wt.		Pts.	Miles	Grail.	D. wt.
1	31	17	32	0	1	32	17	32	0
2	25	15	21	0	2	21	15	21	0
3	19	13	20	1	3	20	13	20	1
4	13	11	18	1	4	18	11	18	1
5	7	9	17	2	5	17	9	17	2
6	1	7	16	2	6	16	7	16	2
7	32	4	14	3	7	14	4	14	3
8	26	2	13	3	8	13	2	13	3
9	10	0	12	4	9	12	0	12	4
10	14	18	11	4	10	11	18	11	4
11	8	16	9	5	11	9	16	9	5
20					20				
30					30				
40					40				
45					45				
50					50				
60					60				
70					70				
80					80				
90					90				
100					100				
200					200				
300					300				
400					400				
500					500				

Six-penny weight.

At the Ounce.

P.	M.	Gr.	D. wt.	P.	M.	Gr.	D. wt.
17	19	12	0	17	19	12	0
34	18	1	1	34	18	1	1
14	18	14	1	14	18	14	1
31	17	3	2	31	17	3	2
11	17	16	2	11	17	16	2
18	16	5	3	18	16	5	3
8	16	18	3	8	16	18	3
35	15	7	4	35	15	7	4
5	15	20	4	5	15	20	4
22	14	9	5	22	14	9	5
2	14	22	5	2	14	22	5
15	13	11	6	15	13	11	6
10	13	4	7	10	13	4	7
20	12	19	8	20	12	19	8
10	12	9	9	10	12	9	9
15	11	14	9	15	11	14	9
25	11	4	10	25	11	4	10
30	10	19	11	30	10	19	11
4	10	11	12	4	10	11	12
25	9	16	12	25	9	16	12
30	8	19	13	30	8	19	13
35	7	22	14	35	7	22	14
3	7	18	15	3	7	18	15
8	6	29	16	8	6	29	16
13	6	15	17	13	6	15	17
16	5	11	18	16	5	11	18
28	5	4	19	28	5	4	19
36	4	17	20	36	4	17	20
2	4	10	21	2	4	10	21
3	3	22	22	3	3	22	22
14	3	14	23	14	3	14	23
15	2	5	24	15	2	5	24
18	2	1	25	18	2	1	25
28	1	16	26	28	1	16	26
3	1	7	27	3	1	7	27
9	0	17	28	9	0	17	28
18	0	12	29	18	0	12	29
28	0	19	30	28	0	19	30
3	0	5	31	3	0	5	31
11	0	12	32	11	0	12	32
21	0	23	33	21	0	23	33
20	0	11	34	20	0	11	34
19	0	13	35	19	0	13	35
1	0	7	36	1	0	7	36
1	0	1	37	1	0	1	37
1	0	1	38	1	0	1	38
1	0	1	39	1	0	1	39
1	0	1	40	1	0	1	40
1	0	1	41	1	0	1	41
1	0	1	42	1	0	1	42
1	0	1	43	1	0	1	43
1	0	1	44	1	0	1	44
1	0	1	45	1	0	1	45
1	0	1	46	1	0	1	46
1	0	1	47	1	0	1	47
1	0	1	48	1	0	1	48
1	0	1	49	1	0	1	49
1	0	1	50	1	0	1	50
1	0	1	51	1	0	1	51
1	0	1	52	1	0	1	52
1	0	1	53	1	0	1	53
1	0	1	54	1	0	1	54
1	0	1	55	1	0	1	55
1	0	1	56	1	0	1	56
1	0	1	57	1	0	1	57
1	0	1	58	1	0	1	58
1	0	1	59	1	0	1	59
1	0	1	60	1	0	1	60
1	0	1	61	1	0	1	61
1	0	1	62	1	0	1	62
1	0	1	63	1	0	1	63
1	0	1	64	1	0	1	64
1	0	1	65	1	0	1	65
1	0	1	66	1	0	1	66
1	0	1	67	1	0	1	67
1	0	1	68	1	0	1	68
1	0	1	69	1	0	1	69
1	0	1	70	1	0	1	70
1	0	1	71	1	0	1	71
1	0	1	72	1	0	1	72
1	0	1	73	1	0	1	73
1	0	1	74	1	0	1	74
1	0	1	75	1	0	1	75
1	0	1	76	1	0	1	76
1	0	1	77	1	0	1	77
1	0	1	78	1	0	1	78
1	0	1	79	1	0	1	79
1	0	1	80	1	0	1	80
1	0	1	81	1	0	1	81
1	0	1	82	1	0	1	82
1	0	1	83	1	0	1	83
1	0	1	84	1	0	1	84
1	0	1	85	1	0	1	85
1	0	1	86	1	0	1	86
1	0	1	87	1	0	1	87
1	0	1	88	1	0	1	88
1	0	1	89	1	0	1	89
1	0	1	90	1	0	1	90
1	0	1	91	1	0	1	91
1	0	1	92	1	0	1	92
1	0	1	93	1	0	1	93
1	0	1	94	1	0	1	94
1	0	1	95	1	0	1	95
1	0	1	96	1	0	1	96
1	0	1	97	1	0	1	97
1	0	1	98	1	0	1	98
1	0	1	99	1	0	1	99
1	0	1	100	1	0	1	100

Six-penny weight and a half - with the Ounce

Parts	Miles	Grail.	D. wt.	Ounc.	L. wt.	Parts	Miles	Grail.	D. wt.	Ounc.	L. wt.
36	12	0	7	0	1	36	14	0	14	1	7
35	5	1	14	0	2	35	4	1	1	2	4
34	18	1	1	1	3	34	18	1	1	3	4
33	11	2	8	1	4	33	8	2	2	4	11
32	4	3	15	1	5	32	23	2	2	5	15
31	17	3	2	2	6	31	12	3	2	6	18
30	10	4	9	2	7	30	2	4	2	7	21
29	3	5	16	2	8	29	16	4	2	8	24
28	16	5	3	3	9	28	6	5	3	9	27
27	9	6	10	3	10	27	20	5	3	10	30
26	2	7	17	3	11	26	10	6	3	11	33
25	19	8	0	7	20	25	17	0	10	12	36
24	9	9	10	10	30	24	17	0	10	19	39
23	18	1	1	14	40	23	15	1	15	5	42
22	3	5	16	15	45	22	10	3	10	10	45
21	8	8	11	17	50	21	5	5	5	13	48
20	18	1	1	21	60	20	7	7	0	16	51
19	8	21	11	24	70	19	8	8	15	21	54
18	17	3	2	28	80	18	10	10	10	24	57
17	7	10	12	31	90	17	12	12	5	27	60
16	17	2	16	35	100	16	12	12	7	30	63
15	14	5	9	70	200	15	18	18	10	33	66
14	21	8	2	105	300	14	18	18	12	36	69
13	29	10	10	140	400	13	12	12	14	39	72
12	26	12	13	175	500	12	6	6	16	42	75

Seven-penny weight.

At the Ounce

L. wt.	Ounc.	D. wt.	Grain.	Millic.	Parts	D. wt.	Grain.	Millic.	Parts
1	0	7	13	12	16	0	15	2	24
2	0	15	3	4	32	1	6	5	15
3	1	2	16	17	11	1	21	8	4
4	1	10	6	9	27	2	12	10	30
5	1	17	20	2	6	3	3	13	19
6	2	5	9	14	22	3	18	16	8
7	2	12	23	7	1	4	9	18	34
8	3	0	12	19	17	5	1	1	33
9	3	8	2	11	33	5	16	4	11
10	3	15	16	4	12	6	7	7	1
11	4	3	5	16	28	6	22	9	17
12	7	11	8	8	24				
13	11	7	0	12	36	d. wt.	Gr.	Gr.	Millic.
14	15	2	16	17	11	1	6	0	18
15	17	0	11	19	17	2	12	1	17
16	18	18	9	1	23	5		3	15
17	22	14	1	5	35	7	12	5	13
18	26	9	17	10	10	10		7	11
19	30	5	9	14	22	12	12	9	9
20	34	1	1	18	34	15		11	7
21	37	16	18	3	9	17	12	13	4
22	75	13	13	6	18				
23	183	10	6	9	27	da gr.	gr.	mil.	pt.
24	151	7	0	12	36			0	15
25	189	3	18	16	8	18		0	11
						12		0	7
						6		0	2

Table of the weight and strength of a horse.

Weight	Parts	Mile	Grain	D.Wt	Parts	Mile	Grain	D.Wt
1	33	11	2	8	0	16	4	12
2	29	3	5	16	0	8	8	24
3	25	15	7	4	1	0	12	36
4	21	7	10	12	1	16	17	48
5	17	19	12	0	2	9	1	60
6	13	11	15	8	2	1	5	72
7	9	3	18	16	4	17	10	84
8	5	15	20	4	5	9	14	96
9	1	7	23	12	6	1	18	108
10	34	18	1	1	6	18	3	120
11	30	10	4	9	7	10	7	132
20	31	17	3	2				
30	28	16	3	5				
40	25	15	4	7				
45	5	15	4	20				
50	22	14	5	9				
60	19	13	6	11				
70	16	12	7	13				
80	13	11	8	15				
90	10	10	9	17				
100	7	9	10	19				
200	14	18	1	14				
300	21	7	12	10				
400	28	16	3	5				
500	35	5	1	14				

Weight	Parts	Mile	Grain	D.Wt
1	10	0	1	6
2	20	0	2	12
3	30	1	4	18
4	40	1	6	24
5	50	2	8	30
6	60	2	10	36
7	70	3	12	42
8	80	3	14	48
9	90	4	16	54
10	100	4	18	60

Eight penny weight.

As the Ounce

L. wt.	Ounc.	D. wt.	Grain.	Mils.	Parts	D. wt.	Grain.	Mils.	Parts
1	0	8	15	11	13	0	17	5	31
2	0	17	7	2	26	1	10	11	33
3	1	5	22	14	2	2	3	17	31
4	1	14	14	5	15	3	31	3	29
5	2	3	5	16	28	3	14	9	27
6	2	11	21	8	4	4	7	15	25
7	3	0	12	19	17	5	1	1	23
8	3	9	4	10	30	5	18	7	31
9	3	17	30	2	16	6	11	13	19
10	4	6	11	13	19	7	4	19	17
11	4	15	3	4	32	7	22	5	15
20	8	13	33	7	1				
30	12	19	11	0	20	4	6	1	33
40	17	5	22	14	2	1	12	2	3
45	19	9	4	10	30	2	12	4	6
50	21	12	10	7	21	5		6	18
60	25	18	22	1	3	7	12	6	9
70	30	5	9	14	22	10		8	12
80	34	11	21	8	4	12	12	10	16
90	38	18	9	1	23	15	1	12	19
100	43	4	20	15	5	17	12	15	2
200	86	9	17	10	10	dist. gr.		mi. pt.	
300	129	14	14	5	15	101	11	17	11
400	172	19	11	0	20	118	21	12	36
500	216	4	7	15	25	12	1	8	24
						6		4	12
						4		2	33

Nine penny weight.

Arche Ounces

L. wt.	Ounc.	D. wt.	Grain.	Mics	Parts	D. wt.	Grain.	Mics	Parts
1	0	9	17	10	10	0	19	9	7
2	0	19	11	0	20	1	14	18	14
3	1	9	4	10	30	2	10	7	21
4	1	18	12	1	3	3	5	16	28
5	2	8	15	11	13	4	1	5	35
6	2	18	9	1	33	4	20	15	5
7	3	8	2	11	33	5	16	4	13
8	3	17	20	2	6	6	11	13	19
9	4	7	13	12	16	7	7	2	26
10	4	17	7	2	26	8	2	11	33
11	5	7	0	12	36	8	22	1	3
20	9	14	14	5	15				
30	14	11	21	8	4	D. wt.	Gr.	Gr.	Mic.
40	19	9	4	10	30	1	6	1	4
45	21	17	20	2	6	2	12	2	8
50	24	6	11	13	19	5	—	4	17
60	29	3	18	16	8	7	12	7	5
70	34	1	1	18	34	10	—	9	14
80	38	18	9	1	23	12	12	12	3
90	43	15	16	4	13	15	—	14	11
100	48	12	23	7	1	17	12	17	0
200	97	5	22	14	2	1	—	0	19
300	145	18	22	1	3	13	—	14	22
400	194	11	21	8	4	12	—	9	27
500	243	4	20	15	5	6	—	4	32
						4	—	3	9
						2	—	1	22

One penny weight and a half. One ounce.

	Ounc	D. wt	Grain	Mic	Parts
1	0	10	6	9	27
2	1	0	12	19	17
3	1	10	19	9	7
4	2	1	1	18	34
5	2	11	8	8	24
6	3	1	14	18	14
7	3	11	21	8	4
8	4	2	3	17	31
9	4	12	10	7	21
10	5	2	16	17	11
11	5	12	23	7	1
20	10	5	9	14	22
30	15	8	2	11	33
40	20	10	19	9	7
45	23	1	3	17	31
50	25	13	12	6	18
60	30	16	5	3	29
70	35	18	22	1	3
80	41	1	14	18	14
90	46	4	7	15	25
100	51	7	0	12	36
100	102	14	1	5	35
300	154	1	1	18	34
400	205	8	2	11	33
500	256	14	3	24	32

	D. wt	Grain	Mic	Parts
1	0	10	10	30
2	1	17	1	23
3	2	13	12	16
4	3	10	3	9
5	4	6	14	2
6	5	3	4	32
7	5	23	15	25
8	6	20	6	18
9	7	16	17	11
10	8	13	8	4
11	9	9	18	34

	D. wt	Gr.	Mic	Parts
1	6	1	5	25
2	12	2	11	13
3	5	5	2	36
4	7	12	7	14
5	10	10	5	15
6	12	12	12	16
7	15	15	8	4
8	17	12	17	19
9	1	1	0	20
10	18	0	15	15
11	12	0	10	10
12	6	0	5	5
13	4	0	3	15
14	2	0	1	26

Tem-perry wright.

At the Core

L. wt	Ounc	D. wt	Grain	Mice	Pats
1	0	10	19	9	7
2	1	1	14	18	14
3	1	12	10	7	21
4	2	3	5	16	28
5	2	14	1	5	35
6	3	4	20	15	5
7	3	15	16	4	12
8	4	6	11	13	19
9	4	17	7	2	26
10	5	8	2	11	33
11	5	18	22	1	3
20	10	16	5	3	29
30	16	4	7	15	25
40	21	12	10	7	21
45	24	6	11	13	19
50	27	0	12	19	17
60	32	8	15	11	13
70	37	16	18	3	9
80	43	4	20	15	5
90	48	12	23	7	1
100	54	1	1	18	34
200	108	2	3	17	31
300	162	3	5	16	28
400	216	4	7	15	25
500	270	5	9	14	22

		D. wt.	Grain.	Me.	Wt.
		0	21	12	16
		1	19	4	33
		2	16	17	11
		3	14	9	27
		4	12	2	6
		5	9	14	23
		6	7	7	1
		7	4	19	17
		8	2	11	33
		9	0	4	12
		9	21	16	28

D. wt.	Gr.		Gr.	Me.	Wt.
1	6		1	7	1
2	12		2	14	2
5			5	8	4
7	12		8	2	6
10			10	16	8
12	12		13	10	10
15			16	4	12
17	12		18	18	14
1			1	1	23
18			6	16	8
12			0	10	30
6			0	5	15
4			0	3	22
2			0	1	30

penney weight and a half. *in the Ounce.*

	Ounc.	D. wt.	Grain.	Mils.	Parts
1	0	11	8	8	34
2	1	3	16	17	11
3	1	14	1	5	35
4	2	5	9	14	22
5	2	16	18	3	9
6	3	8	2	11	33
7	3	19	11	0	20
8	4	10	19	9	7
9	5	2	3	17	31
10	5	13	12	6	18
11	6	4	20	15	5
20	11	7	0	12	36
30	17	0	12	19	17
40	22	14	1	5	35
45	25	10	19	9	7
50	28	7	13	12	16
60	34	1	1	18	34
70	39	14	14	5	15
80	45	8	3	11	33
90	51	1	14	18	14
100	56	15	3	4	32
110	113	10	6	9	27
120	170	5	9	14	22
130	227	0	13	19	17
140	283	15	16	4	12

1	0	22	14	2
2	1	21	8	4
3	2	20	2	6
4	3	18	16	8
5	4	17	10	10
6	5	16	4	12
7	6	14	18	14
8	7	13	12	16
9	8	12	6	18
10	9	11	0	20
11	10	9	14	22

D. wt.	Grain.	Mils.	Parts
1	6	1	8 14
2	12	2	16 18
5		5	13 19
7	13	8	10 0
10		11	7 1
12	12	14	3 29
15		17	0 20
17	12	19	17 11
1		1	2 26
18		0	17 1
12		0	11 13
6		0	5 25
4		0	3 29
2		0	1 33

Eleven-penny weight.

At the Ounce

L. wt.	Parts				D. wt.	Parts			
	Grain	Minces	Parts	Grain		Grain	Minces	Parts	Grain
1	0 11 21	8	4		0 23 15	35			
2	1 3 18	16	8		1 23 11	13			
3	1 15 16	4 12			2 23 7	1			
4	2 7 13	12 16			3 23 2	16			
5	2 19 11	0 20			4 22 18	14			
6	3 11 8	8 24			5 22 14				
7	4 3 5	16 28			6 22 9	27			
8	4 15 3	4 32			7 22 5	25			
9	5 7 0	12 36			8 22 1	3			
10	5 18 22	1 3			9 21 16	28			
11	6 10 19	9 7			10 21 12	16			
20	11 17 20	2 6							
30	17 16 18	3 9							
40	23 15 16	4 12							
45	26 15 3	4 32							
50	29 14 14	5 15							
60	35 13 12	6 18							
70	41 12 10	7 21							
80	47 11 8	8 24							
90	53 10 6	9 27							
100	59 9 4	10 30							
200	118 18 9	1 23							
300	178 7 12	12 16							
400	237 16 18	3 9							
500	297 5 22	14 2							

D. wt.	Parts				D. wt.	Parts			
	Grain	Minces	Parts	Grain		Grain	Minces	Parts	Grain
1	0 6	1 9	27		1 6	1 9	27		
2	12	2 19	17		2 12	2 19	17		
5		5 18	34		5	5 18	34		
7	12	8 18	14		7 12	8 18	14		
10		11 17	31		10	11 17	31		
12	12	14 17	11		12 12	14 17	11		
15		17 16	18		15	17 16	18		
17	12	20 16	8		17 12	20 16	8		
d. & gr.					gr. min. p.				
1					1 3 29				
18					0 17 31				
12					0 11 33				
6					0 5 35				
2					0 2 36				

leven-penny weight and a half. Archa Quince.

	Ounc.	D. wt.	Grain.	Mics.	Parts.		D. wt.	Grain.	Mics.	Parts.
1	0	12	10	7	21		1	0	17	11
2	1	4	20	15	5		2	1	14	18
3	1	17	7	2	26		3	2	11	23
4	2	9	17	10	10		4	3	9	27
5	3	2	3	17	31		5	4	6	31
6	3	14	14	5	15		6	5	3	35
7	4	7	0	12	36		7	6	1	3
8	4	19	11	0	20		8	6	18	14
9	5	11	21	8	4		9	7	15	25
10	6	4	7	15	15		10	8	12	36
11	6	16	18	3	9		11	9	10	40
20	12	8	15	1	13					
30	18	12	23	7	1					
40	24	17	7	1	26		1	6	11	3
45	27	19	18	0	10		2	12	3	5
50	31	1	14	18	14		3		6	4
60	37	5	22	14	2		7	12	9	6
70	43	10	6	9	27		10		12	8
80	49	14	14	5	15		12	12	15	10
90	55	18	22	1	3		15		18	12
100	62	3	3	16	18		17	12	21	15
200	124	6	11	13	19		d. & gr.		gr.	mipt.
300	186	9	17	10	10		1		1	4
400	248	12	23	7	1		18		18	12
500	310	16	5	3	29		11		12	16
							6		6	8
							4		4	5

Twelve-penny weight.

At the Ounce

L. wt.	Ounc.	D. wt.	Grain.	Misc.	Parts
1	0	13	33	7	1
2	1	5	22	14	2
3	1	18	22	1	3
4	2	11	21	8	4
5	3	4	20	15	5
6	3	17	20	2	6
7	4	10	19	9	7
8	5	3	18	16	8
9	5	16	18	3	9
10	6	9	17	10	10
11	7	2	16	17	11
20	12	19	11	0	20
30	19	9	4	10	30
40	25	18	22	1	3
45	29	3	18	16	8
50	32	8	15	11	13
60	38	18	9	1	23
70	45	8	2	11	33
80	51	17	20	2	6
90	58	7	13	12	16
100	64	17	7	2	26
200	129	14	14	5	15
300	194	11	21	8	4
400	259	9	4	10	30
500	324	6	11	13	19

D. wt.	Grain.	Misc.	Parts
1	1	18	34
2	3	17	31
3	5	16	28
4	7	15	25
5	9	14	22
6	11	13	19
7	13	12	16
8	15	11	13
9	17	10	10
10	19	9	7
11	21	8	4

D. wt.	Gr.	Gr.	Misc.	Parts
1	6	1	12	16
2	12	3	4	32
5	—	6	9	27
7	12	9	14	22
10	—	12	19	17
12	12	16	4	12
15	—	19	9	7
17	12	22	14	2
1	—	1	5	35
18	—	19	17	—
12	—	12	36	—
6	—	6	18	—
4	—	4	12	—
2	—	2	6	—

Twelve-penny weight and a half

Lib.	Ounc.	Dwt.	Grain.	Misc.	Parts	Lib.	Ounc.	Dwt.	Grain.	Misc.	Parts
1	0	13	12	6	18	1	1	3	0	30	
2	1	7	0	12	36	2	2	6	1	3	
3	2	0	12	19	17	3	3	9	1	13	
4	2	14	1	5	35	4	4	12	2	6	
5	3	7	13	12	16	5	5	15	2	16	
6	4	1	1	18	34	6	6	18	3	9	
7	4	14	14	5	15	7	7	21	3	30	
8	5	8	2	11	33	8	8	24	4	12	
9	6	1	14	18	14	9	9	27	4	33	
10	6	15	3	4	32	10	10	30	5	15	
11	7	8	15	11	23	11	11	33	5	35	
20	13	10	6	9	27	20	20	60			
30	20	5	9	14	22	30	30	90			
40	27	0	12	19	17	40	40	120			
41	30	8	2	11	33	41	41	123			
50	33	15	16	4	12	50	50	150			
60	40	10	19	9	7	60	60	180			
70	47	5	22	14	2	70	70	210			
80	54	1	1	18	34	80	80	240			
90	60	16	5	3	29	90	90	270			
100	67	11	8	8	24	100	100	300			
200	135	2	16	17	11	200	200	600			
300	202	14	1	5	31	300	300	900			
400	270	5	2	14	22	400	400	1200			
500	337	16	18	3	9	500	500	1500			

Thirteen penny weight.

At the Ounce.

L. wt.	Ounc.	D. K.	Grain.	Mils.	Parts	L. wt.	Ounc.	D. K.	Grain.	Mils.	Parts
1	0	14	1	5	35	1	4	2			
2	1	8	2	11	33	2	8	4			
3	2	2	3	17	31	3	12	6			
4	3	16	5	3	29	4	16	8			
5	3	10	6	9	27	5	20	10			
6	4	4	7	15	25	6	24	12			
7	4	18	9	1	23	7	28	14			
8	5	12	10	7	21	8	32	16			
9	6	6	11	13	19	9	36	18			
10	7	0	12	19	17	10	40	20			
11	7	14	14	5	15	11	44	22			
12	14	1	1	18	34	12	48	24			
13	11	1	14	18	14	13	52	26			
14	28	3	3	17	31	14	56	28			
15	31	12	10	7	21	15	60	30			
16	35	2	16	17	15	16	64	32			
17	42	3	5	16	28	17	68	34			
18	49	3	18	16	8	18	72	36			
19	56	4	7	15	25	19	76	38			
20	63	4	20	15	5	20	80	40			
21	70	5	9	14	22	21	84	42			
22	140	10	19	9	7	22	88	44			
23	210	15	5	3	29	23	92	46			
24	281	1	14	18	14	24	96	48			
25	351	7	0	12	36	25	100	50			

L. wt.	Ounc.	D. K.	Grain.	Mils.	Parts
1	6			1	15
2	12			3	10
3				7	0
4					
5					
6	12			10	10
7				14	1
8	12			17	11
9				21	1
10	12	1	0	11	31
11				1	8
12	18			1	1
13	12			0	14
14				0	7
15	6			0	4
16	4				

between party weight and a ...

	Ounc.	Dwt.	Gr.	Mils	Parts
1	0	14	14	5	15
2	1	9	4	10	30
3	2	3	18	16	8
4	3	18	9	1	23
5	3	12	23	7	1
6	4	7	13	12	16
7	5	2	3	17	31
8	5	16	18	3	9
9	6	11	8	8	24
10	7	5	22	14	2
11	8	0	12	19	17
20	14	11	21	8	4
30	21	17	20	2	6
40	29	3	18	16	8
45	32	16	18	3	9
50	36	9	17	10	10
60	43	15	16	4	12
70	51	1	14	18	14
80	58	7	13	12	16
90	65	13	12	6	18
100	72	19	11	0	20
200	145	18	22	0	4
300	218	18	9	0	24
400	291	17	20	0	8
500	364	17	7	0	18

	Ounc.	Dwt.	Gr.	Mils	Parts
1	1	5	3	29	
2	2	10	7	21	
3	3	15	11	13	
4	4	20	15	5	
5	5	1	18	34	
6	6	7	2	26	
7	7	12	6	18	
8	8	17	10	10	
9	9	22	14	2	
10	10	27	17	31	
11	11	32	21	23	
20	20	32	21	23	
30	30	32	21	23	
40	40	32	21	23	
45	45	32	21	23	
50	50	32	21	23	
60	60	32	21	23	
70	70	32	21	23	
80	80	32	21	23	
90	90	32	21	23	
100	100	32	21	23	
200	200	32	21	23	
300	300	32	21	23	
400	400	32	21	23	
500	500	32	21	23	

Fourteen-day weight.

Line	Grain	D. wt	Miles	Parts	Grain	D. wt	Miles	Parts
1	3	15	4	32	1	6	5	
2	6	10	9	27	3	13	10	
3	9	15	14	22	3	18	16	
4	3	10	12	19	5	1	1	
5	3	15	16	4	6	7	7	
6	4	10	19	9	7	11	12	
7	5	5	22	14	8	19	17	
8	6	1	1	18	10	2	3	
9	6	16	5	3	11	8	8	
10	7	11	8	8	12	14	14	
11	8	6	11	13	13	20	19	
20	15	2	16	17				
30	22	14	1	3	4	6		
40	30	5	9	14	1	6	1	17
50	34	1	1	18	2	12	3	15
60	37	16	18	3	5		7	11
70	45	8	1	11	7	13	11	7
80	52	19	11	0	10		15	2
90	60	10	19	9	12	12	18	18
100	68	2	3	17	15		22	14
150	75	13	12	6	17	12	1	2
200	151	7	0	12	1		1	10
300	237	0	12	19	18		1	2
400	302	14	1	5	12		15	
500	378	7	12	16	6		7	1
					4		5	1

...weight and a ...

[illegible]

Unit	Ones	Tens	Grains	Min.	Parts
1	0	16	5	3	29
2	1	12	10	7	21
3	2	8	15	11	13
4	3	4	20	15	5
5	4	1	1	18	34
6	5	17	7	2	26
7	6	13	12	6	18
8	7	9	17	10	10
9	8	5	22	14	2
10	9	2	3	17	31
11	10	18	9	1	23
20	16	4	7	15	25
30	24	6	21	13	19
40	32	8	15	12	13
45	36	9	17	10	10
50	40	10	12	9	7
60	48	12	23	7	1
70	56	15	3	4	32
80	64	17	7	2	26
90	72	19	11	0	20
100	81	1	14	18	14
200	162	3	5	16	28
300	243	4	20	15	5
400	324	6	11	13	19
500	405	8	2	11	33

	D.W.	Cent.	E.S.
	1	8	8
	3	16	17
	4	1	5
	5	9	14
	6	18	3
	8	2	11
	9	11	0
	10	19	9
	12	3	17
	13	12	6
	14	20	25

4	9		5	7
1	6		1	0
2	12		4	5
3			4	2
7	12		15	3
10			15	4
12	12		10	0
15		1	00	6
17	12	7	04	7
1			7	1
	18		1	4
	12			2
	6			8
	4			9
	2			

	ONE	TWO	THREE	FOUR
1	0	16	18	3 9
2	1	13	12	6 18
3	2	10	6	9 27
4	3	7	0	12 36
5	4	3	18	16 8
6	5	0	12	19 17
7	5	17	7	2 26
8	6	14	1	5 35
9	7	10	19	9 7
10	8	7	13	12 16
11	9	4	7	15 25
20	16	15	3	4 32
30	25	2	16	17 11
40	33	10	6	9 27
45	37	14	1	5 35
50	41	17	10	2 6
60	50	5	9	14 22
70	58	12	23	7 1
80	67	0	12	19 17
90	75	8	2	11 33
00	83	15	16	4 12
00	167	11	8	8 24
00	251	7	0	12 36
00	335	2	16	17 11
00	418	12	9	1 23

	ONE	TWO	THREE	FOUR
1	9	10	19	
2	19	0	20	
14	4	10	30	
5	14	1	3	
6	23	11	13	
8	0	1	23	
9	12	11	13	
11	4	2	6	
12	14	12	16	
13	22	2	16	
15	8	12	16	
4	5			
1	6		2	1 33
2	12		4	3 29
5			8	7 11
7	12		12	11 13
10			16	15 9
13	12		20	18 34
15		1	1	2 26
17	12	1	5	6 18
1			11	13 19
12			1	5 9
13			16	19
6			8	14
4			5	21
3			22	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																				

istronomy weight and a half... in the Office.

	Ounc.	D. wt.	Grain.	Mils.	Parts		D. wt.	Grain.	Mils.	Parts
1	0	17	20	2	6		1	11	13	19
2	1	15	16	4	12		2	23	7	1
3	2	13	12	6	18		4	11	0	10
4	3	11	8	8	24		5	22	14	2
5	4	9	4	10	30		7	10	7	21
6	5	7	0	12	36		8	22	1	3
7	6	4	20	15	5		10	9	14	22
8	7	2	16	17	11		11	21	8	4
9	8	0	13	19	17		13	9	1	23
10	8	18	9	1	23		14	20	15	5
11	9	16	5	3	19		16	8	8	24
20	17	16	18	3	9		4	0	2	0
30	26	15	3	4	34		6	0	4	22
40	35	13	12	6	18		12	0	9	7
45	40	2	16	17	11		5	0	8	18
50	44	11	21	8	4		7	12	0	13
60	53	10	6	9	27		10	0	17	16
70	62	8	15	11	13		12	12	22	5
80	71	7	0	12	36		15	1	2	15
90	80	5	9	14	22		17	12	1	7
100	89	3	18	16	8					
200	178	7	13	12	16				1	15
300	267	11	8	8	24		18	12	1	6
400	356	15	3	4	32					
500	445	18	22	1	3					

Seventy and twenty weight

At the Ounce

Seventy and twenty weight					At the Ounce				
P	M	G	D	L	P	M	G	D	L
1	2	3	4	5	1	2	3	4	5
6	7	8	9	10	6	7	8	9	10
11	12	13	14	15	11	12	13	14	15
16	17	18	19	20	16	17	18	19	20
21	22	23	24	25	21	22	23	24	25
26	27	28	29	30	26	27	28	29	30
31	32	33	34	35	31	32	33	34	35
36	37	38	39	40	36	37	38	39	40
41	42	43	44	45	41	42	43	44	45
46	47	48	49	50	46	47	48	49	50
51	52	53	54	55	51	52	53	54	55
56	57	58	59	60	56	57	58	59	60
61	62	63	64	65	61	62	63	64	65
66	67	68	69	70	66	67	68	69	70
71	72	73	74	75	71	72	73	74	75
76	77	78	79	80	76	77	78	79	80
81	82	83	84	85	81	82	83	84	85
86	87	88	89	90	86	87	88	89	90
91	92	93	94	95	91	92	93	94	95
96	97	98	99	100	96	97	98	99	100
101	102	103	104	105	101	102	103	104	105
106	107	108	109	110	106	107	108	109	110
111	112	113	114	115	111	112	113	114	115
116	117	118	119	120	116	117	118	119	120
121	122	123	124	125	121	122	123	124	125
126	127	128	129	130	126	127	128	129	130
131	132	133	134	135	131	132	133	134	135
136	137	138	139	140	136	137	138	139	140
141	142	143	144	145	141	142	143	144	145
146	147	148	149	150	146	147	148	149	150
151	152	153	154	155	151	152	153	154	155
156	157	158	159	160	156	157	158	159	160
161	162	163	164	165	161	162	163	164	165
166	167	168	169	170	166	167	168	169	170
171	172	173	174	175	171	172	173	174	175
176	177	178	179	180	176	177	178	179	180
181	182	183	184	185	181	182	183	184	185
186	187	188	189	190	186	187	188	189	190
191	192	193	194	195	191	192	193	194	195
196	197	198	199	200	196	197	198	199	200
201	202	203	204	205	201	202	203	204	205
206	207	208	209	210	206	207	208	209	210
211	212	213	214	215	211	212	213	214	215
216	217	218	219	220	216	217	218	219	220
221	222	223	224	225	221	222	223	224	225
226	227	228	229	230	226	227	228	229	230
231	232	233	234	235	231	232	233	234	235
236	237	238	239	240	236	237	238	239	240
241	242	243	244	245	241	242	243	244	245
246	247	248	249	250	246	247	248	249	250
251	252	253	254	255	251	252	253	254	255
256	257	258	259	260	256	257	258	259	260
261	262	263	264	265	261	262	263	264	265
266	267	268	269	270	266	267	268	269	270
271	272	273	274	275	271	272	273	274	275
276	277	278	279	280	276	277	278	279	280
281	282	283	284	285	281	282	283	284	285
286	287	288	289	290	286	287	288	289	290
291	292	293	294	295	291	292	293	294	295
296	297	298	299	300	296	297	298	299	300
301	302	303	304	305	301	302	303	304	305
306	307	308	309	310	306	307	308	309	310
311	312	313	314	315	311	312	313	314	315
316	317	318	319	320	316	317	318	319	320
321	322	323	324	325	321	322	323	324	325
326	327	328	329	330	326	327	328	329	330
331	332	333	334	335	331	332	333	334	335
336	337	338	339	340	336	337	338	339	340
341	342	343	344	345	341	342	343	344	345
346	347	348	349	350	346	347	348	349	350
351	352	353	354	355	351	352	353	354	355
356	357	358	359	360	356	357	358	359	360
361	362	363	364	365	361	362	363	364	365
366	367	368	369	370	366	367	368	369	370
371	372	373	374	375	371	372	373	374	375
376	377	378	379	380	376	377	378	379	380
381	382	383	384	385	381	382	383	384	385
386	387	388	389	390	386	387	388	389	390
391	392	393	394	395	391	392	393	394	395
396	397	398	399	400	396	397	398	399	400
401	402	403	404	405	401	402	403	404	405
406	407	408	409	410	406	407	408	409	410
411	412	413	414	415	411	412	413	414	415
416	417	418	419	420	416	417	418	419	420
421	422	423	424	425	421	422	423	424	425
426	427	428	429	430	426	427	428	429	430
431	432	433	434	435	431	432	433	434	435
436	437	438	439	440	436	437	438	439	440
441	442	443	444	445	441	442	443	444	445
446	447	448	449	450	446	447	448	449	450
451	452	453	454	455	451	452	453	454	455
456	457	458	459	460	456	457	458	459	460
461	462	463	464	465	461	462	463	464	465
466	467	468	469	470	466	467	468	469	470
471	472	473	474	475	471	472	473	474	475
476	477	478	479	480	476	477	478	479	480
481	482	483	484	485	481	482	483	484	485
486	487	488	489	490	486	487	488	489	490
491	492	493	494	495	491	492	493	494	495
496	497	498	499	500	496	497	498	499	500

men company weight and a half. At the Quince.

		Ounc.	D. wt.	Grain.	Miles	Pace				D. wt.	Grain.	Miles	Pace
1		0	18	12	1	3				1	13	16	38
2		1	17	20	2	6				3	3	13	19
3		2	16	18	3	9				4	17	10	10
4		3	15	16	4	12				6	7	7	1
5		4	14	14	5	15				7	21	3	19
6		5	13	12	6	18				9	11	0	20
7		6	12	10	7	21				11	0	17	11
8		7	11	8	8	24				12	14	14	2
9		8	10	6	9	27				14	4	10	30
10		9	9	4	10	30				15	18	7	21
11		10	8	2	11	33				17	8	4	12
20		18	18	9	1	23				0	0	0	0
30		28	7	13	12	16				1	6	2	7
40		37	16	18	13	9				2	12	4	14
45		42	11	8	8	24				5		9	9
50		47	5	22	14	2						0	7
60		56	15	3	4	32				7	12	14	3
70		66	4	7	15	25				10		18	18
80		75	13	12	6	18				12	12	23	12
90		85	12	16	17	11				15		1	4
100		94	11	21	8	4				17	12	1	9
200		189	3	18	16	8				1		1	17
300		283	15	16	4	12				18		12	8
400		378	7	13	12	16				12		0	18
500		472	19	11	0	20				6		28	9
										4		6	11
										2		3	5
										1		1	11

Eighteen penny weight.

E. wt.	Grain.	D. wt.	Grain.	Mills.	Parts.	D. wt.	Grain.	Mills.
1	6 19 11	0 30				1	14 18	
2	1 18 22	1 3				3	5 16	
3	2 18 9	1 23				4	10 15	
4	3 17 10	2 6				6	11 13	
5	4 17 7	2 26				8	2 11	
6	5 16 18	3 9				9	17 10	
7	6 16 5	3 29				11	8 8	
8	7 15 16	4 12				12	13 7	
9	8 15 3	4 22				14	14 5	
10	9 14 14	5 15				16	5 3	
11	10 14 1	5 35				17	20 2	
20	19 9 4	10 30						
30	29 3 18	16 8						
40	38 18 9	23						
45	43 15 16	4 12						
50	48 12 23	7 1						
60	58 7 13	12 16						
70	68 2 2	17 31						
80	77 16 18	3 9						
90	87 11 8	8 24						
1pc	97 5 22	14 2						
200	194 11 21	8 4						
300	291 17 20	2 6						
400	389 3 18	16 8						
500	486 9 17	10 10						

(17)

eighteen-penny weight and a half. At the Ounce.

L. wt	Parts					Parts					Parts					Parts				
	Mites	Grain	D. wt	Ounce		Mites	Grain	D. wt	Ounce		Mites	Grain	D. wt	Ounce		Mites	Grain	D. wt	Ounce	
1	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
2	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
3	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
4	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
5	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
6	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
7	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
8	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
9	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
10	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
11	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
20	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
30	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
40	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
45	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
50	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
60	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
70	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
80	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
90	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
100	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
200	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
300	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
400	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
500	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	

P. wt	Mites	Grain	D. wt
1	10	6	1
2	5	12	2
5	10		5
7	15	12	7
10	20		10
12	1	12	12
15	6		15
17	11	12	17
1	2		1
18	10		18
12	1		12
6	10		6
4	6		4
3	3		3

Nineteen-penny weight.

H. H. O.

L. wt.	Ounc.	D. wt.	Grain.	Misc.	Parts	D. wt.	Grain.	Misc.	Parts
1	1	0	12	19	17	1	17	1	23
2	2	1	1	18	34	3	10	3	9
3	3	1	14	18	14	5	3	4	32
4	4	2	3	17	31	6	20	6	18
5	5	2	16	17	11	8	13	8	4
6	6	3	5	16	28	10	6	9	27
7	7	3	18	16	8	11	23	11	13
8	8	4	7	15	25	13	16	12	36
9	9	4	20	15	5	15	9	14	22
10	10	5	9	14	22	17	2	16	8
11	11	5	22	14	2	18	19	17	21
20	20	10	19	9	7				
30	30	16	5	3	29	d.w.	Gr.	Misc.	Parts
40	41	1	14	18	14	1	6	2	11
45	46	4	7	15	25	2	12	5	2
50	51	7	0	12	36	5		10	5
60	61	12	10	7	21	7	12	15	8
70	71	17	20	2	6	10		20	10
80	82	3	5	16	28	12	12	1	13
90	92	8	15	11	13	15		3	6
100	102	14	1	5	35	17	12	1	11
200	205	8	2	11	33				
300	308	2	3	17	31	1		2	1
400	410	6	5	3	29	18		1	10
500	513	10	6	9	27	12		1	0
						6		0	10
						4		0	6

metre-genny weights and a half. At the ounce.

	Ounc.	D. wt.	Grain.	Mils.	Parts
1	1	1	18	34	
2	2	2	3	17	31
3	3	3	5	16	28
4	4	4	7	15	25
5	5	5	9	14	22
6	6	6	11	13	19
7	7	7	13	12	16
8	8	8	15	11	13
9	9	9	17	10	10
10	10	10	19	9	7
11	11	11	21	8	4
20	21	1	14	18	14
30	31	12	10	7	21
40	42	3	5	16	28
45	47	8	15	11	
50	52	14	1	5	35
60	63	4	20	15	5
70	73	15	16	4	12
80	84	6	11	13	19
90	94	17	7	2	26
100	105	8	2	11	33
200	210	16	5	3	29
300	316	4	7	15	25
400	421	12	10	7	21
500	527	0	12	19	17

	D. wt.	Grain.	Mils.	Parts
1	1	18	3	9
2	3	12	6	18
3	5	6	9	27
4	7	0	12	36
5	8	18	16	48
6	10	12	19	57
7	12	7	22	66
8	14	1	5	35
9	15	19	9	7
10	17	13	12	16
11	19	7	15	25
	D. wt.	Gr.	M.	P.
1	6		2	12
2	12		5	5
3			10	10
4	7	12	15	16
5	10		21	23
6	12	12	1	2
7	15		8	7
8	17	12	1	12
9			2	2
10	18		1	11
11	12		1	1
12	6		0	10
13	4		0	7
14	3		0	3

L.Wt	Ounc	D.Wt	Grain	Milch	Pats	D.Wt	Grain	Milch	Pats
1	1	1	14	18	14	1	19	4	12
2	2	3	5	16	28	3	14	9	27
3	3	4	20	15	5	5	9	14	31
4	4	6	11	13	19	7	4	19	17
5	5	8	2	11	33	9	0	4	12
6	6	9	17	10	10	10	19	9	7
7	7	11	8	8	24	12	14	14	1
8	8	12	23	7	1	14	9	18	34
9	9	14	14	5	15	16	5	3	39
10	10	16	5	3	29	18	0	8	24
11	11	17	20	2	6	19	19	13	19
20	21	12	10	7	21				
30	32	8	15	11	13				
40	43	4	20	15	5				
45	48	12	23	7	1				
50	54	1	1	18	34				
60	64	17	7	2	26				
70	75	13	12	6	18				
80	86	9	17	10	10				
90	97	5	22	14	2				
100	108	2	3	17	31				
200	216	4	7	15	25				
300	324	6	11	13	19				
400	432	8	15	11	13				
500	540	10	19	9	7				

d.w	Gr	Gr	Milch
1	6	2	14
2	12	5	8
5		10	16
7	12	16	4
10		21	12
12	12	1	3
15		1	8
17	12	1	13
1		2	3
18		1	12
12		1	1
6		0	10
4			7
2			3
1			1

Top Quarter.

Bottom Quarter.

L. wt	Ounc	D. wt	Grain.	Mils	Fms
1	2	3	5	16	18
2	4	6	11	13	19
3	6	9	17	10	10
4	8	12	23	7	1
5	10	16	3	3	29
6	12	19	11	0	20
7	15	2	16	17	11
8	17	5	22	14	2
9	19	9	4	10	30
10	21	12	10	7	21
11	23	15	16	4	12
20	43	4	20	15	5
30	64	17	7	2	26
40	86	9	17	10	10
45	97	5	22	14	2
50	108	2	3	17	31
60	129	14	14	5	15
70	151	7	0	12	36
80	172	10	11	0	20
90	194	11	21	8	4
100	216	4	7	15	25

Ounc	D. wt	Grain.	Mils	Fms
0	3	14	9	27
0	7	4	19	17
0	10	19	9	7
0	14	9	18	34
0	18	0	8	24
1	1	14	18	14
1	2	5	8	4
1	8	19	17	31
1	12	10	7	21
2	16	0	17	11
3	19	15	7	1
4	22	0	17	11
5	25	0	17	11
6	28	0	17	11
7	31	0	17	11
8	34	0	17	11
9	37	0	17	11
10	40	0	17	11
11	43	0	17	11
12	46	0	17	11
13	49	0	17	11
14	52	0	17	11
15	55	0	17	11
16	58	0	17	11
17	61	0	17	11
18	64	0	17	11
19	67	0	17	11
20	70	0	17	11
21	73	0	17	11
22	76	0	17	11
23	79	0	17	11
24	82	0	17	11
25	85	0	17	11
26	88	0	17	11
27	91	0	17	11
28	94	0	17	11
29	97	0	17	11
30	100	0	17	11

L. wt	Ounc	D. wt	Grain	Miles	Parts
1	3	4	20	15	5
2	6	9	17	10	10
3	9	14	14	5	15
4	12	19	11	0	20
5	16	4	7	15	25
6	19	9	4	10	30
7	22	14	1	5	35
8	25	18	22	1	3
9	29	3	18	16	8
10	32	8	15	11	13
11	35	13	12	6	18
20	64	17	7	2	26
30	97	5	22	14	2
40	129	14	14	5	15
45	145	18	22	1	3
50	162	3	5	16	28
60	194	11	21	8	4
70	227	0	12	19	17
80	259	9	4	10	30
90	291	17	20	2	6
100	324	6	11	13	19

Ounc	D. wt	Grain	Miles	Parts
0	5	9	14	21
0	10	19	9	7
0	16	5	3	29
1	1	14	18	14
1	7	0	12	36
1	12	10	7	21
1	17	20	2	6
2	3	5	16	28
2	8	15	11	13
2	14	1	5	35
2	19	11	0	20

d. wt	Gr.	d. wt	Gr.	Miles	Parts
1	6	0	8	2	6
2	12	0	16	4	12
5		1	8	8	24
7	12	2	0	12	36
10		2	16	17	11
12	12	3	9	1	23
15		4	1	5	35
17	12	4	17	10	10
1		6	9	27	
	18		4	17	11
	12		3	4	32
	6		1	12	16
	4		1	1	23
	2		0	10	30
	1		0	5	15

Four Ounces.

At the same,

L. wt	Ounc	D. wt	Grain	Mils	Parts
1	4	6	11	13	19
2	8	12	23	7	1
3	12	19	11	0	20
4	17	5	22	14	2
5	21	12	10	7	21
6	25	18	22	1	3
7	30	5	9	14	22
8	34	11	21	8	4
9	38	18	9	1	23
10	43	4	20	15	5
11	47	11	8	8	24
20	86	9	17	10	10
30	129	14	14	5	15
40	172	19	11	0	20
45	194	11	21	8	4
50	216	4	7	15	25
60	259	9	4	10	30
70	302	14	1	5	35
80	345	18	22	1	3
90	389	3	18	16	8
100	432	8	15	11	13

Ounc	D. wt	Grain	Mils	Parts
0	7	4	19	17
0	14	9	18	34
1	1	14	18	14
1	8	19	17	31
1	16	0	17	11
2	3	5	16	28
2	10	10	16	8
2	17	15	15	25
3	4	20	15	5
3	12	1	14	22
3	19	6	14	2

D. wt	Grain	d. wt	Grain	Mils	Parts
1	6	0	10	16	8
2	12	0	21	12	16
5		1	19	4	12
7	12	2	16	17	11
10		3	14	9	27
12	12	4	12	2	6
15		5	9	14	22
17	12	6	7	7	1
1		0	8	12	26
18		0	6	9	27
12		0	4	6	18
6		0	3	3	9
4		0	1	8	31
2		0	0	14	16
1		0	0	7	8

Five Ounces.

At the

L. wt.	Ounc.	D. wt.	Grain.	Miles	Parts	Ounc.	D. wt.	Grain.	Miles	Parts												
1	5	8	2	11	33	0	9	0	4	12												
2	10	16	5	3	29	0	18	0	8	24												
3	16	4	7	15	25	1	7	0	12	30												
4	21	12	10	7	21	1	16	0	17	18												
5	27	0	12	19	17	2	5	1	1	23												
6	33	8	15	11	13	2	14	1	5	15												
7	37	16	18	3	9	3	3	1	10	10												
8	42	4	20	15	5	3	12	1	14	31												
9	48	12	23	7	1	4	1	1	18	34												
10	54	1	1	18	34	4	10	2	3	9												
11	59	9	4	10	30	4	19	2	7	31												
20	108	2	3	17	31	<table><tr><td>P.</td><td>1</td><td>G.</td><td>P.</td><td>G.</td></tr><tr><td>2</td><td>6</td><td>0</td><td>13</td><td>10</td></tr></table>					P.	1	G.	P.	G.	2	6	0	13	10	10	10
P.	1	G.	P.	G.																		
2	6	0	13	10																		
30	162	3	5	16	28	1	12	1	3	0	20											
40	216	4	7	15	25	2	6	1	3	1	3											
45	242	4	0	15	5	5	12	3	9	1	33											
50	270	5	9	14	22	7	12	4	12	2	6											
60	324	6	11	13	19	10	12	5	15	2	26											
70	378	7	13	12	16	12	12	6	18	3	9											
80	432	8	15	11	13	15	12	7	21	3	19											
90	486	9	17	10	10	17	12	10	16	8												
100	540	10	19	9	7	1	18	8	2	6												
						12	5	8	4													
						6	2	14	3													
						4	1	16	1													
						2	1	18	9													

	Ounc.	Dwt.	Grain.	Miles	Paces
1	6	9	17	10	10
2	12	19	11	0	20
3	19	9	4	10	30
4	25	18	23	1	3
5	32	8	15	11	13
6	38	18	9	1	23
7	45	8	2	11	33
8	51	17	20	2	6
9	58	7	13	12	16
10	64	17	7	2	26
11	71	7	0	12	36
20	129	14	14	5	15
30	194	11	21	8	4
40	259	9	4	10	30
45	291	17	20	2	6
50	324	6	11	13	19
60	389	3	18	16	8
70	454	1	1	18	34
80	518	18	9	1	23
90	583	15	16	4	12
100	648	12	23	7	1

	Ounc.	Dwt.	Grain.	Miles	Paces
1	0	10	10	9	7
1	1	1	14	18	14
1	1	1	10	7	28
2	2	3	5	16	28
2	2	14	2	5	35
3	3	4	20	15	1
3	3	15	16	4	19
4	4	6	11	13	29
4	4	17	7	2	26
5	5	8	2	11	33
5	5	18	22	1	3
6	6	1	1	1	1
1	1	6	0	16	4
2	2	12	1	8	8
3	3	1	2	16	17
7	7	12	4	1	5
10	10	5	9	14	22
12	12	6	10	3	9
15	15	8	2	11	33
17	17	1	9	11	0
1	1			12	19
18	18			9	14
12	12			6	9
6	6			3	4
4	4			2	3
2	2			1	1
1	1			0	10

Seven Quarters.

Archie

L. wt.	O. wt.	Gr.	Miles	Pace
1	7	11	8	24
2	15	2	16	17
3	22	14	1	35
4	30	5	9	14
5	37	16	18	3
6	45	8	2	11
7	52	19	11	0
8	60	10	19	9
9	68	2	3	17
10	75	13	12	6
11	83	4	20	15
20	151	7	0	12
30	227	0	12	19
40	302	14	1	5
45	340	10	19	9
50	378	7	13	12
60	454	1	1	18
70	529	14	14	5
80	605	8	2	11
90	681	1	14	18
100	756	15	3	4

O. wt.	Gr.	Miles	Pace
0	12	14	14
1	5	5	8
1	17	20	2
2	10	10	16
3	3	1	10
3	15	16	4
4	8	6	18
5	0	21	12
5	13	12	6
6	6	3	0
6	18	17	14
<hr/>			
1	6	0	18
2	12	1	13
5	3	3	13
7	12	4	17
10	6	7	7
12	12	7	21
15	9	11	0
17	12	1	0
1		15	2
18		11	7
12		7	11
6		3	15
4		2	10
2		1	5
1			

Eight Owners.

Eight Owners.

	Ounc	D. Wt	Grain	M. Wt	P. Wt
1	8	12	23	7	1
2	17	5	22	14	2
3	25	18	22	1	3
4	34	11	21	8	4
5	43	4	20	15	5
6	51	17	20	2	6
7	60	10	19	9	7
8	69	3	18	16	8
9	77	16	18	3	9
10	86	9	17	10	10
11	95	2	16	17	11
12	172	19	11	0	20
13	259	9	4	10	30
14	345	18	22	1	3
15	389	3	18	16	8
16	432	8	15	11	13
17	518	18	9	1	23
18	605	8	2	11	33
19	691	17	20	2	6
20	778	7	13	12	16
21	864	17	7	2	26
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
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37					
38					
39					
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43					
44					
45					
46					
47					
48					
49					
50					

	Ounc	D. Wt	Grain	M. Wt	P. Wt
1	0	14	9	18	34
2	1	8	19	17	31
3	2	3	5	16	28
4	2	17	15	15	25
5	3	12	1	14	22
6	4	6	11	13	19
7	5	0	21	12	16
8	5	15	7	11	13
9	6	9	17	10	10
10	7	4	3	9	7
11	7	18	13	8	4
12	1	6	0	21	12
13	2	12	1	19	4
14	3	3	14	9	27
15	7	12	5	9	14
16	10	7	4	19	17
17	12	12	9	0	4
18	15	10	19	9	7
19	17	12	14	14	2
20	1		17	5	35
21	18		12	19	17
22	12		8	12	36
23	6		4	6	18
24	4		2	17	24
25	2		1	8	31
26	1		0	14	15

P. wt.	Ounc.	D. wt.	Grain.	Miles.	Pace.
1	9	14	14	5	15
2	19	9	4	10	30
3	29	3	18	16	8
4	38	18	9	1	23
5	48	12	23	7	1
6	58	7	13	12	16
7	68	2	3	17	31
8	77	16	18	3	9
9	87	11	8	8	24
10	97	5	22	14	2
11	107	0	12	19	17
20	194	11	21	8	4
30	291	17	20	2	6
40	389	3	18	16	8
45	437	16	18	3	9
50	486	9	17	10	10
60	583	15	16	4	13
70	681	1	14	18	14
80	778	7	13	12	16
90	875	13	12	6	18
100	972	19	11	0	20

Ounc.	D. wt.	Grain.	Miles.	Pace.
0	16	5	3	19
1	12	10	7	31
2	8	15	11	12
3	4	20	15	9
4	1	1	18	34
4	17	7	2	16
5	12	12	6	18
6	9	17	10	10
7	5	22	14	2
8	2	3	17	31
8	18	9	1	23

P. wt.	Grain.	Miles.	Pace.
1	6	1	0
2	12	2	0
3	4	1	5
7	12	6	1
10	8	2	11
12	12	10	3
15	12	3	17
17	12	4	10
1	0	19	9
18	0	14	11
12	0	9	14
6	4	17	11
4	3	4	31
3	1	12	16

Ten Ounces

At the Quire.

L. wt.	Ounc.	D. wt.	Grain.	Millic.	Partic.
1	10	16	5	3	29
2	31	12	10	7	21
3	32	8	15	11	15
4	43	4	10	15	5
5	54	1	1	18	34
6	64	17	7	2	26
7	75	13	12	6	18
8	86	9	17	10	10
9	97	5	22	14	2
10	108	2	3	17	31
11	118	18	9	1	23
12	126	4	7	15	25
13	134	6	11	13	19
14	143	8	15	11	13
15	148	9	17	10	10
16	154	10	19	9	7
17	164	12	23	7	1
18	176	15	2	4	32
19	186	17	7	2	26
20	197	19	11	0	20

Ounc.	D. wt.	Grain.	Millic.	Partic.
0	18	0	8	24
1	16	0	17	11
2	14	1	5	35
3	12	1	14	23
4	10	2	3	9
5	8	2	11	33
6	6	3	0	30
7	4	3	9	7
8	2	3	17	31
9	0	4	6	18
9	18	4	15	5

P.	O.	F.	G.	M.	P.
1	6	1	8	0	20
2	12	2	6	1	8
3		4	12	2	6
4					
5					
6					
7	12	6	18	3	9
8		9	0	4	13
9	12	11	6	5	15
10					
11	12	11	6	5	15
12					
13					
14	12	15	18	7	21
15					
16					
17	12	15	18	7	21
18					
19					
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96					
97					
98					
99					
100					

Eleven Ounces.						As the Ounce.					
L. wt.	Ounc.	D. wt.	Grain.	Mices	Parts	Ounc.	D. wt.	Grain.	Mices	Parts	
1	11	17	20	3	6	0	19	19	13	19	
2	23	15	16	4	12	1	19	15	7	1	
3	35	13	12	6	18	2	19	11	0	30	
4	47	11	8	8	24	3	19	6	14	2	
5	59	9	4	10	30	4	19	2	7	31	
6	71	7	0	12	36	5	18	23	1	3	
7	83	4	20	15	5	6	18	17	14	32	
8	95	2	16	17	11	7	18	13	8	4	
9	107	0	12	19	17	8	18	9	1	23	
10	118	18	9	1	23	9	18	4	15	5	
11	130	16	5	3	29	10	18	0	8	34	
20	237	16	18	3	9						
30	356	15	3	4	32	1	6	1	5	14	
40	475	13	12	6	18	2	12	2	11	9	
45	535	2	16	17	11	3	—	4	22	18	
50	594	11	21	8	4	7	12	7	10	7	
60	713	10	6	9	27	10	—	9	21	16	
70	832	8	15	11	13	12	12	12	9	5	
80	951	7	0	12	36	5	—	14	20	15	
						17	12	17	8	4	
						1	—	0	33	15	
						18	—	17	16	28	
						13	—	11	17	31	
						6	—	5	18	34	
						4	—	3	19	10	
						2	—	1	19	34	
						1	—	0	19	38	

The Ordinary way.

Foure Ingots of Silver.

D.wt. L.wt. Oz. D.wt. Gr.

Better, $16\frac{1}{2}$. Num. 1. — 40, 6, 10, 00.

Worse, $11\frac{1}{2}$. Num. 2. — 37, 7, 5, 00.

Worse, 15. Num. 3. — 36, 9, 10, 00.

Better, 10. Num. 4. — 38, 11, 00, 00.

— 153. 10. 5. 00.

Oz. D.wt. Gr. Mit.

Betterness of Num. 1. — 36, 3, 4, 4.

Betterness of Num. 4. — 21, 0, 17, 6.

Whole betterness, — 57. 3. 31. 10.

Oz. D.wt. Gr. Mit.

Worlessness of Num. 2. — 23, 7, 13, 5.

Worlessness of Num. 3. — 29, 16, 14, 18.

Whole worlessness, — 53. 4. 3. 3.

Worlessness deducted out } *Oz. D.wt. Gr. Mit.*
of the betterness, rests } 3. 19. 18. 7.

So this — 3 Oz. 19 d.wt. 18 Gr. 7 Mit.

Added to 153, l.wt. 10. — 5. — —

Makes the 4. Ingots } l.wt. Oz. d.wt. Gr. Mit.

to be Standard, — } 154. 2. 4. 18. 7.

Questions wrought by the Golden Rule.

The Standerd of Silver is xj. Ounces
2 Penny-weight fine.

A Silver Ingot weighing 40. l. wt. 6 Ounces
10. d. wt. better 16. d. weight and a halfe
What will this amount to in Standerd silver.

The Works.

D. wt. L. wt. Oz. D. wt. Gr. Mit.

222. Z 40. 6. 10.

16 $\frac{1}{2}$ — 36 3. 4. 4.

This — 36 Oz. 3 d. wt. 4 Gr. 4 Mit.

Added to 40. l. wt. 6. 10. 00.

L. wt. Oz. D. wt. Gr. Mit.

Makeith in Standerd silver, 43. 6. 13. 4. 4.

A N Ingot of Silver weighing 37 l. wt. 7 Oz.
 5 d. wt. worse 11 d. weight, and a half.
 How much of 14 penny-weight better, will make
 it good to the Standard of -- 11 Oz. 2 d. weight.

The Works.

	D. wt.	L. wt. Oz.	D. wt.	Gr.	Mil.
Worse, 11 $\frac{1}{2}$.		37 7,	5,	00.	
Better, 14.		Z 30, 10,	13,	9,	8.

This is wrought by the backer Rule,

G 3

A N

A N Ingot of Silver weighing 40 l.wt. 60
 10 d.weight. worse 18 d.wt. 12 Grain
 How much is to be taken off and fyned to
 Penny-weight better, to make good the rest
 the Standard of — 11 Ounces, 2 d.weight.

The Worke.

L.wt.

Worfe 18 $\frac{1}{2}$. **Z** 8. Oz. D.wt. Gra. Mit.
 Better, 14. 10. 6. 17. 3. 8.

L.wt. Oz. D.wt. Gra. Mit.

11. 16. **Z** 10. 6. 17. 3. 8.
 10. 3 $\frac{1}{4}$. 12. 3. 2. 8. 6.

L.wt.

8. Oz. D.wt. Gr. Mit.

12. 3, 2, 8, 6.

10, 3, 2, 8, 6.

L.wt. Oz. D.wt. Gr. Mit.

20. 3. 2. 8. 6.

40. 6. 10. 0. —

L.wt. Oz. D.wt. Gr. Mit.

11. 3. 2. 8. 6.

24. 6. 7. 21.

So there is to be fyned, — 24. 6. 7. 21.

And the remaine is — 16. 0. 2. 3.

The

*The former Question is resolved
another way.*

The Worke.

<i>Ounce, D. wt.</i>		<i>D. wt.</i>
10. 3 $\frac{1}{2}$.	X	14.
11. 16.		18, and a half.
		<u>32. d. wt and a half.</u>

<i>Oz. D. wt.</i>		<i>l. wt. Oz. d. wt. Gra.</i>
10. 3 $\frac{1}{2}$.	Z	40. 6. 10. 00.
11. 2.		37. 1. 19. 4.
32 $\frac{1}{2}$.	Z	37. 1. 19. 4.
14.		16. 0. 2. 2.

This 16 l. wt. 00 Oz. 2 d. wt. 2 Gra. to remaine.

<i>Oz. D. wt.</i>		<i>l. wt. Oz. d. wt. Gra.</i>
11. 16.	Z	40, 6, 10, 0.
11. 2.		43, 0, 3, 14 gr. and a half.

L. wt. Oz. D. wt. Gra.

32, and a half,	Z	43, 0, 3, 14.
18, and a half,		24, 6, 7, 22.

This ——— 24, 6, 7, 22. is to be

fynd.

Silver.

Sylva

Pound wt.	Silver.	Ounces.	Gold.
	Half-penny weights.		Half-penny weight.

1	0270270	1	0022533
2	0540540	2	0045043
3	0810811	3	0067567
4	1081081	4	0090090
5	1351351	5	0112611
6	1621621	6	0135131
7	1891892	7	0157657
8	2162162	8	0180180
9	2432432	9	0202703
Dwt.		Grain	

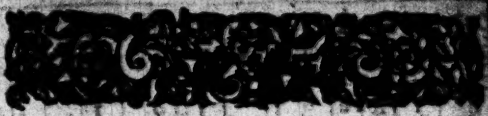
1	0001126	1	0000047
2	0002252	2	0000094
3	0003378	3	0000141
4	0004505	4	0000188
5	0005631	5	0000235
6	0006757	6	0000282
7	0007883	7	0000329
8	0009009	8	0000376
9	0010135	9	0000423

Silver

Silver.

wt.	Gr.	Quar. of a Gr.	wt.	Gr.	Quar. of a Gr.
1	6	0001407	11	6	0012669
2	12	0002815	12	12	0014076
3	18	0004223	13	18	0015484
5	0	0005630	15	0	0016892
6	6	0007038	16	6	0018299
7	12	0008446	17	12	0019707
8	18	0009853	18	18	0021115
10	0	0011261			

Primes.	Peng. wt.	Seconds.	Milts.	Graines.	Thirds.	Milts.	Graines.	Fourths.	Milts.
1	2	1	0. 4.16	1	0. 6	1	0. 6	1	1
2	4	2	0. 9.12	2	0.19	2	0.19	2	2
3	6	3	0.14. 8	3	1. 9	3	1. 9	3	3
4	8	4	0.19. 4	4	1.18	4	1.18	4	4
5	10	5	1.00. 0	5	2. 8	5	2. 8	5	5
6	12	6	1. 4.16	6	2.18	6	2.18	6	6
7	14	7	1. 9.12	7	3. 7	7	3. 7	7	7
8	16	8	1.14. 8	8	3.17	8	3.17	8	8
9	18	9	1.19. 4	9	4. 6	9	4. 6	9	9



The Ordinary rating of Silver to the Standard.

Example.

	D.wt.		L.wt. Oz. D.wt. Gr.
Better, 16, $\frac{1}{2}$.	Num. 1.—	40, 6, 10, 00.	
Worse, 11, $\frac{1}{2}$.	Num. 2.—	37, 7, 5, 00.	
Worse, 15.	Num. 3.—	36, 9, 10, 00.	
Better, 10.	Num. 4.—	38, 11, 00, 00.	

Gross Weight, — 153, 10, 05, 00.

The Ingot, Num. 1. — 40, l. 6, oz. 10, d. 00
 Multiply — 40, l. by — 16 d. wt. and a half
 The Product is — 33, Onnces.

And the 6 Onnces 10 Penny } Oz D.wt. Gr. Min
 weighs, after that rate is } — 8, 22, 10.

So the betterness of Num. 1, is 33, 8, 22, 10.

Example

(61)

Example.

Oz. Dwt. Gr. Mit.

The betternesse of Num. 1. 33, 8, 23, 10.
And the better. of Num. 4. 19, 9, 4, 00.

The whole betternesse — 52, 18, 2, 10.

Oz. Dwt.

The worsnesse of Num. 2. — 31, 12, 10, 15.

And the worsn. of Num. 3. — 27, 11, 21,

The whole worsnesse, — 49, 4, 7, 19.

The Worsnesse taken
from the betternesse, rests
cleare betternesse, — 3, 13, 18, 15

Dwt. Gr. Mit.

To which cleare betternesse
is to be put an Addition — 0, 5, 23, 11.

So the cleare betternesse
with the addition, makes
the allay, — 3, 19, 18, 6.

And the grosse weights, 153 L. w. 10, Oz. 5, d. w.

With the allay, makes
in Standerd, — 154, l. 2, 4, 18, d. 6.

—————

Note,

As so many Penny-weight is at the Pound-weight ;

So many two Graines at the Ounce.

As if the Assay bee better Two-penny weight, the Ounce is ——— 4 Graines.

If Two-penny weight and a half, the Ounce is ——— 5 Graines.

If Ten-penny weight, the Ounce is 20 Graines.

If Thirteen-penny weight and a half, the Ounce is ——— 27 Graines.



Here



Here followeth a TABLE to
 this purpose, to find what the
 Ounces should bee of Ber-
 tresse or Worle-
 nelle.



Ounces.

Acche Pound.	I.	2.	3.	4.	5.
D. wt	Grain.	Grain,	D. G.	D. G.	D. G.
1	2	4	0 0	0 8	0 10
2	4	8	0 12	0 16	0 20
3	6	12	0 18	1 0	1 6
4	8	16	1 0	1 8	1 16
5	10	20	1 6	1 16	2 2
6	12	24	1 12	2 0	2 12
7	14	28	1 18	2 8	2 20
8	16	32	2 0	2 16	3 8
9	18	36	2 6	3 0	3 18
10	20	40	2 12	3 8	4 4
11	22	44	2 18	3 16	4 14
12	24	48	3 0	4 0	5 0
13	26	52	3 6	4 8	5 10
14	28	56	3 12	4 16	5 20
15	30	60	3 18	5 0	6 0
16	32	64	4 0	5 8	6 16
17	34	68	4 6	5 16	7 2
18	36	72	4 12	6 0	7 12
19	38	76	4 18	6 8	7 22
20	40	80	5 0	6 16	8 8
21	42	84	5 6	7 0	8 18
22	44	88	5 12	7 8	9 4
23	46	92	5 18	7 16	9 14
24	48	96	6 0	8 0	10 0
25	50	100	6 6	8 8	10 10
26	52	104	6 12	8 16	10 20

Omneg.

Ac	6.	7.	8.	9.	10.	11.	A.
the	D. Gr	D. Gr.	D. Gr.	D. Gr	D. Gr	D. Gr.	Gr
1	0 12	0 14	16	18	0 20	0 22	1
2	1	1 4	1 8	1 12	1 16	1 20	2
3	1 12	1 18	2	2 6	2 12	2 18	3
4	2	2 8	2 16	3	3 8	3 16	4
5	2 12	2 22	3 8	3 18	4 4	4 14	5
6	3	3 12	4	4 12	5	5 12	6
7	3 12	4 2	4 16	5 6	5 20	6 10	7
8	4	4 16	5 8	6	6 16	7 8	8
9	4 12	5 6	6	6 18	7 12	8 6	9
10	5	5 20	6 16	7 12	8 8	9 4	10
11	5 12	6 10	7 8	8 6	9 4	10 2	11
12	6	7	8	9	10	11	12
13	6 12	7 14	8 16	9 18	10 20	11 22	13
14	7	8 4	9 8	10 12	11 16	12 20	14
15	7 12	8 18	10	11 6	12 12	13 18	15
16	8	9 8	10 16	12	13 8	14 16	16
17	8 12	9 22	11 8	12 18	14 4	15 14	17
18	9	10 12	13	13 12	15	16 12	18
19	9 12	11 2	12 16	14 6	15 20	17 10	19
20	10	11 16	13 8	15	16 16	18 8	20
21	10 12	13 6	14	15 18	17 12	19 6	21
22	11	12 20	14 16	16 12	18 8	20 4	22
23	11 12	13 10	15 8	17 6	19 4	21 2	23
24	12	14	16	18	20	22	24
25	12 12	14 14	16 16	18 18	20 20	22 22	25
26	13	15 4	17 8	19 12	21 16	23 20	26

D. int.

Ounces.

At the Pound	Ounces.					
	1.	2.	3.	4.	5.	6.
D. wt.	D. Gr.	D. Gr.	D. Gr.	D. Gr.	D. Gr.	D. Gr.
1	1	2	3	4	5	6
2	3	6	9	12	15	18
3	5	10	15	20	25	30
4	7	14	21	28	35	42
5	9	18	27	36	45	54
6	11	22	33	44	55	66
7	13	26	39	52	65	78
8	15	30	45	60	75	90
9	17	34	51	68	85	102
10	19	38	57	76	95	114
11	21	42	63	84	105	126
12	23	46	69	92	115	138
13	25	50	75	100	125	150
14	27	54	81	108	135	162
15	29	58	87	116	145	174
16	31	62	93	124	155	186
17	33	66	99	132	165	198
18	35	70	105	140	175	210
19	37	74	111	148	185	222
20	39	78	117	156	195	234
21	41	82	123	164	205	246
22	43	86	129	172	215	258
23	45	90	135	180	225	270
24	47	94	141	188	235	282
25	49	98	147	196	245	294
26	51	102	153	204	255	306
27	53	106	159	212	265	318
28	55	110	165	220	275	330
29	57	114	171	228	285	342
30	59	118	177	236	295	354
31	61	122	183	244	305	366
32	63	126	189	252	315	378
33	65	130	195	260	325	390
34	67	134	201	268	335	402
35	69	138	207	276	345	414
36	71	142	213	284	355	426
37	73	146	219	292	365	438
38	75	150	225	300	375	450
39	77	154	231	308	385	462
40	79	158	237	316	395	474
41	81	162	243	324	405	486
42	83	166	249	332	415	498
43	85	170	255	340	425	510
44	87	174	261	348	435	522
45	89	178	267	356	445	534
46	91	182	273	364	455	546
47	93	186	279	372	465	558
48	95	190	285	380	475	570
49	97	194	291	388	485	582
50	99	198	297	396	495	594
51	101	202	303	404	505	606
52	103	206	309	412	515	618
53	105	210	315	420	525	630
54	107	214	321	428	535	642
55	109	218	327	436	545	654
56	111	222	333	444	555	666
57	113	226	339	452	565	678
58	115	230	345	460	575	690
59	117	234	351	468	585	702
60	119	238	357	476	595	714
61	121	242	363	484	605	726
62	123	246	369	492	615	738
63	125	250	375	500	625	750
64	127	254	381	508	635	762
65	129	258	387	516	645	774
66	131	262	393	524	655	786
67	133	266	399	532	665	798
68	135	270	405	540	675	810
69	137	274	411	548	685	822
70	139	278	417	556	695	834
71	141	282	423	564	705	846
72	143	286	429	572	715	858
73	145	290	435	580	725	870
74	147	294	441	588	735	882
75	149	298	447	596	745	894
76	151	302	453	604	755	906
77	153	306	459	612	765	918
78	155	310	465	620	775	930
79	157	314	471	628	785	942
80	159	318	477	636	795	954
81	161	322	483	644	805	966
82	163	326	489	652	815	978
83	165	330	495	660	825	990
84	167	334	501	668	835	1002
85	169	338	507	676	845	1014
86	171	342	513	684	855	1026
87	173	346	519	692	865	1038
88	175	350	525	700	875	1050
89	177	354	531	708	885	1062
90	179	358	537	716	895	1074
91	181	362	543	724	905	1086
92	183	366	549	732	915	1098
93	185	370	555	740	925	1110
94	187	374	561	748	935	1122
95	189	378	567	756	945	1134
96	191	382	573	764	955	1146
97	193	386	579	772	965	1158
98	195	390	585	780	975	1170
99	197	394	591	788	985	1182
100	199	398	597	796	995	1194

Oz.

Ounces.

Accts.	D. Gr.	7.	8.	9.	10.	11.	$\frac{1}{2}$
		D. Gr.	D. Gr.	D. Gr.	D. Gr.	D. Gr.	Gr. Min.
0		7	0 8	0 9	0 10	0 11	0 10
1	1	21	1 0	1 3	1 6	1 9	1 10
2	2	1 11	1 16	1 21	2 3	2 7	2 10
3	3	2 1	2 8	2 15	2 22	3 5	3 10
4	4	2 15	3	3 9	3 18	4 3	4 10
5	5	3 5	3 16	4 3	4 14	5 1	5 10
6	6	3 19	4 8	4 21	5 10	5 23	6 10
7	7	4 9	5	5 15	6 6	6 21	7 10
8	8	4 23	5 16	6 9	7 2	7 19	8 10
9	9	5 13	6 8	7 3	7 22	8 17	9 10
10	10	6 3	7	7 21	8 18	9 15	10 10
11	11	6 17	7 16	8 15	9 14	10 13	11 10
12	12	7 7	8 8	9 9	10 10	11 11	12 10
13	13	7 21	9	10 3	11 6	12 9	13 10
14	14	8 11	9 16	10 21	12 2	13 7	14 10
15	15	9 1	10 8	11 15	12 22	14 5	15 10
16	16	9 15	11	12 9	13 18	15 3	16 10
17	17	10 5	11 16	13 3	14 14	16 1	17 10
18	18	10 19	12 8	13 21	15 10	16 23	18 10
19	19	11 9	13	14 15	16 6	17 21	19 10
20	20	11 23	13 16	15 9	17 2	18 19	20 10
21	21	12 13	14 8	16 3	17 22	19 17	21 10
22	22	13 3	15	16 21	18 18	20 15	22 10
23	23	13 17	15 16	17 15	19 14	21 13	23 10
24	24	14 7	16 8	18 9	20 10	22 11	24 10

A N Ingot of Silver — 40 Pound weight.
 The Standard, — 42 L.wt. - 1 Ounce
 18 D.wt., — 22 Grains.

What is the Assay?

The Works.

L.wt. Oz. D.wt. Gr.	l.wt. Oz. d.wt. Gr.	d.wt.
42, 1, 18, 22.	42, 1, 18, 22.	22.
40.	2, 1, 18, 22.	Z 12
2, 1, 18, 22.		

L.wt. Oz. D.wt. Gr.
 The Standard — 42, 1, 18, 22.
 The fineness better — 12 Penny-weight.
 What is the gross weight?

The Works.

D.wt.	L.wt. Oz. D.wt. Gr.
234.	42. 1. 18. 22.
222.	40 l. weight.

J 3

T

The Ingot better — 12 *Penny-weight*.

The grosse weight 40 *Pound weight*.

What is the Standard?

The Works.

D.wt. L.wt. Oz. D.wt. Gra.

222. Z 40.

12. 2. 1. 18. 32.

This — 2. l.wt, 1 Oz. 18 d.wt. 32 Gra.

Added to the — 40 l.weight.

Makes 42. l.wt. 1, Oz. 18, d.wt. 32 Gra.

(Standard.)

L.wt.

A Pot of Silver Ingots — 500 }
 Alloy, — 4 } — 504, l.wt.

If the — 4, *Pound weight* of Alloy were left out, what should be the pot assay.

The Work

L.wt.

D.wt.

500

Z

222.

504

223.

18, Gra. 12, Mit. 55.

The pot Alloy should } d.wt. Gra. Mit.

be better — }

1.

18.

12,

55.

A Pot of Silver Ingots — 500 L.wt.
The assay-rated to — 4, l.wt.

504.

This pot was melt and cast out, but afterwards upon review, was found to have 2, l.wt. of Alloy too much. How much should the Pot assay come short?

The Worke.

L.wt.

502.

504.

Z

222, D.wt.

221, d.wt. 2, Gra $\frac{2}{7}$.

So the Pot assay should be worse, — 21, Gr. $\frac{1}{7}$, wrought by the backer Rule.

500, L.wt. of Silver worse -- 1, D.wt. 12, Gra.
How much Silver of — 14, d.weight better, makes it Standerd.

The Worke.

L.wt.

D.wt.

D.wt.

l.wt. Oz. d.wt. Gr.

1.

Z

1 $\frac{1}{2}$.

14.

Z

1.

500.

750

750.

53.

6, 17, 3, $\frac{1}{4}$.

How much Silver of — 13 Penny-weight better, will carry away — 1, l.weight, 3, Ounces 20, d.wt. of assay.

The

The Works.

<i>Lwt.</i>	<i>Lwt.</i>	<i>D.wt. Gra.</i>	<i>Lwt. oz.</i>
13	Z 1.	14, 1 $\frac{1}{4}$	Z 1. 0.
13	14 d. 1 gr. $\frac{5}{11}$	11, 3, oz. 10, d.	11, —
		(13, d. wt. 20 gr. $\frac{1}{4}$.)	

The same Question may be wrought thus.

<i>Lwt. Oz.</i>	<i>D.wt. Gr.</i>	<i>D.wt. Gr.</i>	<i>Lwt. Oz.</i>
1.	Z 223.	13,	Z 1. 0.
1, 3, 10	286, 18.	286, 18.	11. 0. —
		(13, d. wt. 20, Gr. $\frac{1}{4}$.)	

<i>Lwt.</i>	<i>Oz.</i>	<i>D.wt.</i>	<i>Gr.</i>
30 —	22. 00.	13.	20, $\frac{1}{4}$. being 13, d. better
24 —	1. 3.	10. 00.	of Allay.
Makes —	23. 4.	3.	20, $\frac{1}{4}$. Scanderd.

FINIS.

The House

Mr. L. M. ...
D. M. ...
L. M. ...
D. M. ...
L. M. ...
D. M. ...

The House ...

Mr. L. M. ...
D. M. ...
L. M. ...
D. M. ...
L. M. ...
D. M. ...

Mr. L. M. ...
D. M. ...
L. M. ...
D. M. ...
L. M. ...
D. M. ...

Mr. L. M. ...

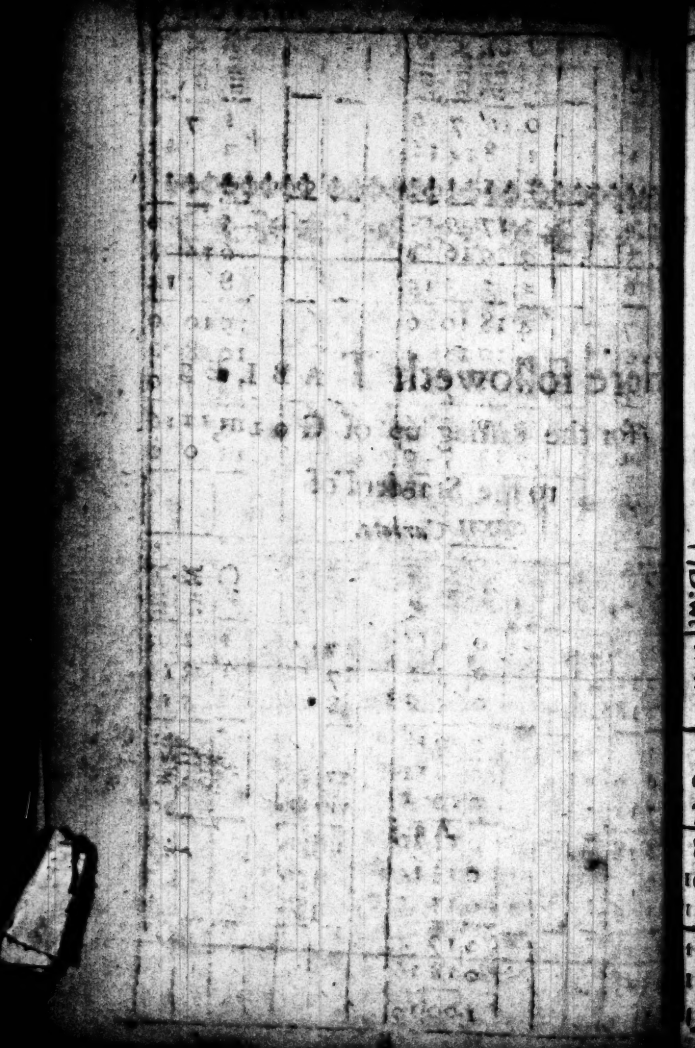
FINIS



Here followeth T A B L E S
for the casting up of G O L D,
to the Standard of
XXII. Carrois.

A a j

L. m.



12

Wage & Graine

D.W.	Gr.	Mic.	Pat.	D.W.	Gr.
1	8	14	12	0	13
2	17	9	2	0	5
3	2	3	14	0	8
4	5	10	18	0	10
5	6	19	12	0	13
6	8	4	7	0	16
7	9	13	1	0	19
8	10	21	16	0	21
9	12	6	10	1	0
10	13	15	5	1	3
11	15	0	0	1	6
20	1	7	6		
30	2	0	21		

D.W.	Gr.	Mic.	Pat.	D.W.	Gr.
1	6	0	3	13	18
2	12	0	6	15	
3	18	0	10	16	6
5		0	13	17	12
6	6	0	17	18	18
7	12	1	0		
8	18	1	2		
10		1	7	xvj gr.	
11	6	1	10	vij gr.	
12	12	1	14	iiij gr.	
				ij gr.	
				igr.	

14	9	7
18	13	7
16	10	5
10	5	0
12	0	4
07	14	1

[illegible]

Old Grain.

Part.	Meas.	Grain.	D.W.	Part.	Meas.	Grain.	D.W.
1	9	17	0	1	9	17	0
2	4	18	0	2	4	18	0
3	6	7	0	3	6	7	0
4	8	16	0	4	8	16	0
5	10	5	0	5	10	5	0
6	12	14	0	6	12	14	0
7	14	3	0	7	14	3	0
8	16	12	1	8	16	12	1
9	18	1	1	9	18	1	1
10	20	10	1	10	20	10	1
11	0	0	1	11	0	0	1
12	11	13	2	12	11	13	2
13	16	13	4	13	16	13	4
14	18	14		14	18	14	
15	14	15		15	14	15	
16	10	10		16	10	10	
17	6	6		17	6	6	
18	12	12		18	12	12	
19	12	12		19	12	12	
20	16	16		20	16	16	
21	12	12		21	12	12	
22	8	8		22	8	8	
23	4	4		23	4	4	
24	12	12		24	12	12	
25	12	12		25	12	12	
26	12	12		26	12	12	
27	12	12		27	12	12	
28	12	12		28	12	12	
29	12	12		29	12	12	
30	12	12		30	12	12	

Grains and quarters.

Grains and quarters.

Part.	Misc.	Grain	D. wt.	Ounc.
8	16	9	3	0
16	12	19	6	0
2	9	5	10	0
10	5	15	13	0
18	1	1	17	0
4	18	10	0	1
12	14	19	3	1
10	10	6	7	1
6	7	16	10	1
1	3	2	14	1
0	0	13	17	1
6	7	4	8	3
20	10	6	2	5

Part.	Misc.	Grain	D. wt.	Ounc.
8	16	9	3	0
16	12	19	6	0
2	9	5	10	0
10	5	15	13	0
18	1	1	17	0
4	18	10	0	1
12	14	19	3	1
10	10	6	7	1
6	7	16	10	1
1	3	2	14	1
0	0	13	17	1
6	7	4	8	3
20	10	6	2	5

Part.	Misc.	Grain	D. wt.	Ounc.
11	8	0	8	0
1	17	0	17	0
12	5	1	5	1
2	14	1	14	1
13	13	1	13	1
3	11	1	11	1
14	10	1	10	1
4	8	1	8	1
15	7	1	7	1
5	6	1	6	1
16	5	1	5	1
6	4	1	4	1
17	3	1	3	1
7	2	1	2	1
18	1	1	1	1

Part.	Misc.	Grain	D. wt.	Ounc.
16	13	4	13	4
6	7	5	7	5
7	10	5	10	5
7	19	5	19	5
8	28	6	28	6
8	37	7	37	7
9	46	8	46	8
9	55	9	55	9
10	64	10	64	10
10	73	11	73	11
11	82	12	82	12
11	91	13	91	13
12	100	14	100	14
12	109	15	109	15
13	118	16	118	16
13	127	17	127	17
14	136	18	136	18
14	145	19	145	19
15	154	20	154	20
15	163	21	163	21
16	172	22	172	22
16	181	23	181	23
17	190	24	190	24
17	199	25	199	25
18	208	26	208	26
18	217	27	217	27
19	226	28	226	28
19	235	29	235	29
20	244	30	244	30

L. wt.	Out.	D. wt.	Grain	Miles	Parts.
1	0	4	2	3	14
2	0	8	4	7	6
3	0	12	6	10	20
4	2	16	8	14	12
5	1	0	10	18	4
6	1	4	13	1	18
7	1	8	15	5	10
8	1	12	17	9	2
9	1	16	19	12	16
10	2	0	21	16	8
11	2	5	0	0	0
20	4	1	19	12	16
30	6	2	17	0	2

[illegible]

One Grain 3. quarters.

As the Ounce

	Parts	Milles	Grain.	D. wt.	Ounc.
3	0	10	18	4	0
7	18	1	13	9	0
10	16	12	7	14	0
14	14	3	2	19	0
18	12	14	14	3	1
1	10	5	15	8	1
5	8	16	9	13	1
9	6	7	4	18	1
13	4	18	22	2	2
16	2	9	17	7	2
0	0	0	0	12	2
	4	18	10	15	4
	6	7	4	2	7

	Parts	Milles	Grain.	D. wt.	Ounc.
13	18	0	11	30	0
15	6	1	3	19	1
16	12	15	17	1	1
17	18	2	7	16	2
18	18	2	19	14	2
		3	11	13	3
		4	3	11	4
		4	15	10	4
		5	7	8	5
		5	19	9	5

xv gr.
viii gr.
iii gr.
i gr.

Two Grains.

Parte	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
Mice	18	16	14	12	10	9	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0
Grat.	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
D. wt.	0	10	16	22	28	34	40	46	52	58	64	70	76	82	88	94	100	106	112	118	124	130	136	142	148
Quar.	0	10	16	22	28	34	40	46	52	58	64	70	76	82	88	94	100	106	112	118	124	130	136	142	148
L. wt.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Toa Graines one quarter.

Toa Graines one quarter.

Pays	Mile	Grain	D. wt	Ounc
10	5	3	6	0
20	10	6	12	0
8	16	9	18	0
18	1	13	4	1
8	7	16	10	1
16	12	19	16	1
4	18	2	2	2
14	3	2	9	2
2	9	5	15	2
12	14	8	1	3
0	0	12	7	3
2	9	17	2	6
4	2	3	4	9

Pays	Mile	Grain	D. wt	Ounc
10	5	3	6	0
20	10	6	12	0
8	16	9	18	0
18	1	13	4	1
8	7	16	10	1
16	12	19	16	1
4	18	2	2	2
14	3	2	9	2
2	9	5	15	2
12	14	8	1	3
0	0	12	7	3
2	9	17	2	6
4	2	3	4	9

Pays	Mile	Grain	D. wt	Grain
7	15	0	15	1
15	10	1	10	2
0	6	2	6	3
8	1	3	1	3
15	10	8	10	4
1	12	4	12	7
8	7	5	7	8
16	2	6	2	10
1	18	6	18	11
9	3	7	3	12

Pays	Mile	Grain	D. wt	Grain
16	8	8	13	18
1	4	5	15	6
9	19	9	16	12
17	14	10	17	18
2	10	13	18	18
4	8	0	xv	gr.
2	4	0	viii	gr.
1	2	0	vi	gr.
0	0	0	iii	gr.
0	0	0	0	gr.

Three Grains.

Archie Oats

L. wt.	Ounc.	D. wt.	Grain.	Miles.	Parts.			D. wt.	Grain.	Miles.	Parts.
1	0 8	4	7	6				0 16	7	6	
2	0 16	8	14	12				1 8	14	12	
3	1 4	13	1	18				2 1	1	18	
4	1 12	17	9	2				3 17	9	2	
5	2 0	21	16	8				3 9	16	8	
6	2 9	2	3	14				4 2	3	14	
7	2 17	6	10	20				4 18	10	20	
8	3 5	10	18	4				5 10	18	4	
9	3 13	15	5	10				6 3	5	10	
10	4 1	19	12	16				6 19	12	16	
11	4 10	0	0	0				7 12	0	0	
20	8 3	15	5	10							
30	12 5	10	18	4							

D. wt.	Gr.			Gr.	Miles.	Part.	D. wt.	Gr.			Gr.	Miles.	Part.
1	9	-	-	1	0	10	13	18			11	5	0
2	12	-	-	2	0	20	15				12	5	10
3	18	-	-	3	1	8	16	6			13	5	20
5		-	-	4	1	18	17	12			14	6	8
6	6	-	-	5	2	6	18	18			15	6	13
7	12	-	-	6	2	16							
8	18	-	-	7	3	4	xvj gr.					10	10
10		-	-	8	3	14	vij gr.					5	10
11	6	-	-	9	4	2	iiij gr.					2	16
12	12	-	-	10	4	12	ij gr.					1	8
							j gr.					0	15

Three Graines 1. quarter.

At the Office

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9	11	1
14	3	5	2
4	18	12	3
16	12	16	3
6	7	10	4
18	1	4	5
8	16	21	5
20	10	15	6
10	5	9	7
0	0	3	8

Date	Muc	Grain	D. wt.
13	14	17	0
2	9</		

Three Graines and a Half.

At 3:45 PM

Parts.	Mice	Grain	D. wt	Ounc	L. wt.
18	1	13	9	0	1
14	3	2	19	0	2
10	5	15	8	1	3
6	7	4	18	1	4
2	9	17	7	2	5
20	10	6	17	2	6
16	12	19	6	3	7
12	14	8	16	3	8
8	16	21	5	4	9
4	18	10	15	4	10
0	0	0	5	5	11
8	16	21	10	9	20
12	14	8	6	14	30

[illegible]

Three Grains three quarters.

Arise Ounce.

	Parts	Misc	Grain	D. wt	Ounc
1	2	9	5	10	0
2	4	18	10	0	1
3	6	7	16	10	1
4	8	16	21	0	2
5	10	5	3	11	2
6	12	14	8	1	3
7	14	3	14	11	3
8	16	12	19	1	4
9	18	1	1	12	4
10	20	10	6	2	5
11	0	0	12	12	5
20	18	1	13	4	10
20	16	12	19	6	15

	Parts	Misc	Grain	D. wt	Grain
1	2	1	14	13	18
2	4	6	15	15	18
3	6	12	16	6	18
4	8	17	17	12	18
5	10	3	19	18	18
6	12	13	23	18	18
7	14	6	28	18	18
8	16	3	33	18	18
9	18	1	38	18	18
10	20	0	43	18	18
11	22	0	48	18	18
12	24	0	53	18	18
13	26	0	58	18	18
14	28	0	63	18	18
15	30	0	68	18	18
16	32	0	73	18	18
17	34	0	78	18	18
18	36	0	83	18	18
19	38	0	88	18	18
20	40	0	93	18	18

One Cannot 1 quart. of a Grain.

to the Ounce

One Cannot 1 quart. of a Grain.					to the Ounce				
Parts.	Miles	Grain	D. wt.	Ounc.	Parts.	Miles	Grain	D. wt.	Ounc.
14	3	14	11	0	14	3	33	0	0
6	7	4	3	1	6	7	22	1	1
20	10	18	14	1	20	10	31	2	2
12	14	8	6	2	12	14	20	3	3
4	18	22	17	2	4	18	19	4	4
18	1	13	9	3	18	1	19	5	5
10	5	3	1	4	10	5	18	6	6
2	9	17	12	4	2	9	17	7	7
16	12	7	4	5	16	12	16	8	8
8	16	31	15	5	8	16	15	9	9
0	0	0	7	6	0	0	0	10	10
16	12	19	11	11	16	12			
2	9	17	7	17	2	9			

Parts.	Miles	Grain	D. wt.	Ounc.	Parts.	Miles	Grain	D. wt.	Ounc.
16	18	15			16	18	15		
16	7	17			16	7	17		
25	16	18			25	16	18		
15	5	20			15	5	20		
14	14	21			14	14	21		
10	15				10	15			
18	7				18	7			
19	3				19	3			
20	1				20	1			
18	2				18	2			
18	11				18	11			
17	0				17	0			
17	9				17	9			

One Carrot and half a Grain.

At the

Part	Mile	Grain	Carrot	Grain
1	0	12	6	10
2	1	4	13	118
3	1	16	19	116
4	3	9	2	14
5	3	1	8	14
6	3	13	15	10
7	4	5	11	16
8	4	18	4	7
9	5	10	10	18
10	6	2	17	9
11	6	15	0	0
12	12	5	10	18
13	18	8	4	7

Part	Mile	Grain	Carrot	Grain
1	0	10	10	10
2	1	1	1	1
3	1	1	1	1
4	2	3	1	1
5	2	14	1	1
6	3	5	1	1
7	3	16	1	1
8	4	7	1	1
9	4	18	1	1
10	5	9	1	1
11	6	0	1	1

Part	Mile	Grain	Carrot	Grain
1	10	5	1	10
2	8	1	3	1
3	1	12	4	12
4	16	2	6	16
5	9	13	7	13
6	2	4	9	4
7	17	14	10	14
8	10	5	12	5
9	3	16	13	16
10	18	6	15	6

Part	Mile	Grain	Carrot	Grain
1	18	13	1	18
2	6	15	1	15
3	12	16	1	16
4	18	17	1	17
5	18	18	1	18
6	18	18	1	18
7	18	18	1	18
8	18	18	1	18
9	18	18	1	18
10	18	18	1	18

Part	Mile	Grain	Carrot	Grain
1	16	17	1	16
2	18	8	1	18
3	19	11	1	19
4	21	9	1	21
5	23	0	1	23
6	18	15	1	18
7	8	18	1	8
8	4	18	1	4
9	18	18	1	18
10	18	18	1	18

xv gr.
vij gr.
iij gr.
ij gr.
gr.

One Carrot 3 quart. of a Graine.

At the ounce.

L. wt.	Ounc.	D. wt.	Grain	Mice	Pats.	D. wt.	Grain	Mice	Pats.
1	0	12	22	18	4	1	1	18	4
2	1	5	21	16	8	2	3	16	8
3	1	18	20	14	12	3	5	14	12
4	2	11	19	12	16	4	7	12	16
5	3	4	18	10	20	5	9	10	20
6	3	17	17	9	24	6	11	9	24
7	4	10	16	7	28	7	13	7	28
8	5	3	15	5	32	8	15	5	32
9	5	16	14	3	36	9	17	3	36
10	6	9	13	1	40	10	19	1	40
11	7	2	12	0	44	11	21	0	44
20	12	19	2	3	14				
30	19	8	15	5	10				
Gr.	Mice	Pats.	Gr.	Mice	Pats.	D. wt.	Gr.	Mice	Pats.
1	12	8	1	12	8	13	18	0	17
2	13	17	3	4	17	15	6	0	19
3	18	3	4	17	3	16	6	0	21
5	6	9	6	9	12	17	12	0	23
6	8	20	8	8	20	18	18	1	0
7	9	7	9	14	7				
8	11	6	11	6	15				
12	13	2	13	19	2	xv gr.		17	6
14	11	10	14	11	10	viii gr.		8	14
16	3	19	16	3	19	iii gr.		4	7
						i gr.		3	3
						1/2 gr.		1	1

One Cartot and Graine.

At the Court

Parts	Mites	Grain	D.wt	Ounc
10	5	15	13	0
20	10	6	7	1
8	16	21	0	2
18	1	13	14	2
6	7	14	8	3
16	13	19	1	4
4	18	10	15	4
14	3	2	9	5
2	9	17	2	6
12	14	8	16	6
0	0	0	10	7
0	0	0	10	7
2	9	17	13	13
14	3	2	9	20

Parts	Mites	Grain	D.wt
10	5	3	1
20	10	6	2
8	16	9	3
18	1	13	4
6	7	16	5
16	13	19	6
4	18	22	7
14	3	2	9
2	9	5	10
12	14	8	11
0	0	12	12

Parts	Mites	Gr.	D.wt
2	14	1	13
4	8	3	15
6	2	5	16
8	16	6	17
10	10	8	18
12	4	10	
14	18	11	xvj gr.
16	12	13	vij gr.
18	6	15	iiij gr.
20	0	17	ij gr.

Parts	Mites	Gr.	D.wt
0	15	18	0
2	5	30	0
4	3	22	0
6	17	23	0
8	14	1	1
10	18	0	
12	6		
14	4		
16	2		
18	1		



One Carrot one Grain and a quart. for the ounce.

Parts.	Miles	Grain	D. wt.	Ounc.	L. wt.
16	12	7	14	0	1
10	5	15	8	1	2
4	18	22	2	2	3
20	10	6	17	2	4
14	3	14	11	3	5
8	16	21	5	4	6
2	9	5	0	5	7
18	1	13	14	5	8
12	14	20	8	6	9
6	7	4	3	7	10
0	0	0	17	7	11
12	14	8	6	14	20
18	1	13	9	21	30

Parts.	Miles	Gr.	D. wt.	Gr.	D. wt.
16	13	1	19	6	1
14	9	3	21	12	2
7	17	5	13	18	3
3	1	7	1	5	4
20	16	8	1	6	5
10	14	10	1	12	6
12	10	12	1	18	7
8	6	14	1	10	8
2	3	16	1	6	9
18	1	17	1	12	10
12	14	17	1	18	11
6	7	17	1	12	12
0	0	17	1	18	13

One Carrot one Grain, dj.

At the Court

L. wt.		D. wt.		Grain		D. wt.		Grain	
1	1	0	15	1	6	1	0	1	6
2	2	1	10	2	12	2	0	2	12
3	3	2	5	3	18	3	0	3	18
4	4	3	0	4	0	4	0	4	0
5	5	3	15	5	6	5	0	5	6
6	6	4	10	6	12	6	0	6	12
7	7	5	5	7	18	7	0	7	18
8	8	6	0	8	0	8	0	8	0
9	9	6	15	9	6	9	0	9	6
10	10	7	10	10	12	10	0	10	12
11	11	8	5	11	18	11	0	11	18
12	12	8	0	12	0	12	0	12	0
13	13	15	0	13	6	13	0	13	6
14	14	12	10	14	12	14	0	14	12
15	15	13	5	15	18	15	0	15	18
16	16	14	0	16	0	16	0	16	0
17	17	15	15	17	6	17	0	17	6
18	18	16	10	18	12	18	0	18	12
19	19	17	5	19	18	19	0	19	18
20	20	18	0	20	0	20	0	20	0
21	21	19	15	21	6	21	0	21	6
22	22	20	10	22	12	22	0	22	12
23	23	21	5	23	18	23	0	23	18
24	24	22	0	24	0	24	0	24	0
25	25	23	15	25	6	25	0	25	6
26	26	24	10	26	12	26	0	26	12
27	27	25	5	27	18	27	0	27	18
28	28	26	0	28	0	28	0	28	0
29	29	27	15	29	6	29	0	29	6
30	30	28	10	30	12	30	0	30	12

Parts.	Mice	Grain	D. wt	Ounc
6	7	16	15	0
12	14	8	11	1
18	1	1	7	2
2	9	17	2	3
8	16	9	18	3
14	3	2	14	4
20	10	18	9	5
4	18	10	5	6
10	5	3	1	7
16	12	19	16	7
0	0	12	12	8
10	5	15	13	15
4	18	10	10	22

Parts.	Mice	Grain	D. wt
6	7	7	3
12	14	14	8
18	1	1	3
2	9	9	5
8	16	16	6
14	3	20	2
20	10	3	9
4	18	10	10
10	5	18	11
16	12	13	13
0	0	9	14

Parts.	Mice	Gr.
4	14	1
9	18	3
13	17	5
18	10	7
0	16	9
5	15	11
9	14	13
14	13	15
18	12	17
1	13	19

Parts.	Mice	Gr.	D. wt
5	12	02	13
10	10	02	15
14	8	1	16
19	8	1	17
3	8	1	18
30	0	1	xv gr.
10	0	1	vij gr.
5	0	1	iii gr.
3	0	1	i gr.

Parts	Miles	Grain	D. wt.	Ounces
13	4	8	16	6
3	9	17	12	1
14	3	2	9	2
4	18	10	5	3
16	12	19	1	4
6	7	4	18	1
18	1	13	14	5
8	16	11	10	6
20	10	6	7	7
10	5	15	3	8
0	0	0	0	9
20	10	6	7	16
8	16	11	10	24

Parts	Miles	Grain	D. wt.	Ounces
20	0	3	13	1
18	1	4	15	2
16	2	6	16	3
14	3	8	17	5
12	4	10	18	6
10	5	12	18	7
8	6	14	18	8
6	7	16	18	9
4	8	18	18	10
2	9	20	18	11

D. wt. 13 18
 15 6
 16 12
 17 18
 xvj gr.
 viij gr.
 iiij gr.
 ij gr.
 j gr.

Part	Misc	Grain	D. wt	D. wt
1	1 18	1 17	0 17	1
2	2 14	2 14	1 14	2
3	3 10	3 10	2 11	3
4	4 6	4 7	3 8	4
5	5 2	5 9	4 5	5
6	6 20	6 10	5 2	6
7	7 16	7 12	5 19	7
8	8 12	8 14	6 16	8
9	9 8	9 16	7 13	9
10	10 4	10 18	8 10	10
11	11 0	11 0	9 7	11
20	20 8	20 16	17 0	20
30	30 12	30 14	25 11	30

Part	Misc	Grain	D. wt	D. wt
1	1 18	1 10	1 10	1
2	2 14	2 20	2 20	2
3	3 10	3 6	3 6	3
4	4 6	4 16	4 16	4
5	5 2	5 2	5 2	5
6	6 20	6 12	6 12	6
7	7 16	7 12	7 12	7
8	8 12	8 14	8 14	8
9	9 8	9 16	9 16	9
10	10 4	10 18	10 18	10
11	11 0	11 0	11 0	11
20	20 8	20 16	20 16	20
30	30 12	30 14	30 14	30

Part	Misc	Grain	D. wt	D. wt
1	1 13	1 13	1 13	1
2	2 5	2 5	2 5	2
3	3 18	3 7	3 18	3
4	4 10	4 10	4 10	4
5	5 1	5 13	5 13	5
6	6 15	6 15	6 15	6
7	7 6	7 18	7 18	7
8	8 20	8 0	8 20	8
9	9 11	9 3	9 11	9
10	10 3	10 0	10 3	10
11	11 0	11 0	11 0	11
20	20 3	20 0	20 3	20
30	30 0	30 0	30 0	30

Part	Misc	Grain	D. wt	D. wt
1	1 18	1 18	1 18	1
2	2 6	2 6	2 6	2
3	3 13	3 13	3 13	3
4	4 18	4 18	4 18	4
5	5 18	5 18	5 18	5
6	6 18	6 18	6 18	6
7	7 18	7 18	7 18	7
8	8 18	8 18	8 18	8
9	9 18	9 18	9 18	9
10	10 18	10 18	10 18	10
11	11 18	11 18	11 18	11
20	20 18	20 18	20 18	20
30	30 18	30 18	30 18	30

Part.	Mile.	Gr.	D. wt.
2	9	17	1
4	18	15	2
6	7	13	3
8	16	10	4
10	5	8	5
12	14	6	6
14	3	4	7
16	12	1	8
18	1	19	9
20	18	13	10
0	0	17	11
0	0	15	12
18	1	14	13
16	13	11	14

Part.	Mile.	Gr.
7	4	2
14	3	4
11	12	6
6	17	8
13	1	11
20	5	13
5	10	15
2	14	17
19	18	19
4	3	22

Part.	Mile.	Gr.	D. wt.
2	9	11	1
4	18	12	2
6	7	10	3
8	16	11	4
10	5	9	5
12	14	20	6
14	3	8	7
16	12	19	8
18	1	7	9
20	18	13	10
0	0	18	11
0	0	6	12

Part.	Mile.	Gr.	D. wt.
11	7	0	1
18	11	2	2
4	16	4	3
10	0	7	4
17	4	9	5
24	2	1	6
18	1	0	7
ixj gr.			
vijj gr.			
iiij gr.			
ij gr.			
j gr.			

	Quar.	D. R.	Gr.	Misc.	Part.
1	0	18	9	16	8
2	1	16	19	12	16
3	2	15	5	9	2
4	3	13	15	5	10
5	4	12	1	1	18
6	5	10	10	18	4
7	6	8	20	14	12
8	7	7	6	10	20
9	8	5	16	7	6
10	9	4	2	3	14
11	10	2	1	0	0
12	18	8	4	7	6
13	27	12	6	10	20

	D. R.	Gr.	Misc.	Part.
1	1	12	16	8
2	3	11	13	16
3	4	14	9	2
4	6	3	5	10
5	7	16	1	18
6	9	4	18	4
7	10	17	14	12
8	12	6	10	20
9	13	19	7	6
10	15	8	3	14
11	16	21	0	0

	Gr.	Part.	Misc.	Gr.
1	6	0	6	2
2	11	1	13	4
3	17	1	18	6
4	6	2	4	9
5	6	2	10	11
6	12	3	16	13
7	18	3	2	16
8	6	4	8	18
9	6	4	14	20
10	13	0	0	25

13 18
15 15
16 6
17 12
18 18
19 gr.
20 gr.
21 gr.
22 gr.

	D. R.	Gr.	Misc.	Part.
1	1	1	6	5
2	1	3	13	6
3	1	5	18	6
4	1	8	4	7
5	1	10	10	7
6		1	4	12
7		0	12	6
8		0	0	9
9		0	3	8

4 Our Carpet & Grains.

L. Wt.	Ounc.	Drams.	Grains.	Mites.	Parts.
1	0	19	2	3	14
2	1	18	4	7	6
3	2	17	6	10	30
4	3	16	8	14	12
5	4	15	10	18	4
6	5	14	13	1	18
7	6	13	15	5	10
8	7	12	17	9	2
9	8	11	19	12	16
10	9	10	21	16	8
11	10	10	0	0	0
20	19	1	19	12	16
30	28	12	17	9	2

[illegible]

Pace	Mile	Grail	D. wt	Quinc	Pace	Mile	Grail	D. wt	Quinc
1	15	10	20	0	19	18	10	20	0
2	7	1	18	1	19	13	1	18	1
3	22	12	16	2	19	7	12	16	2
4	6	14	3	14	3	10	2	3	14
5	8	5	14	12	4	18	20	14	12
6	9	21	5	10	5	18	15	5	10
7	11	12	16	8	6	18	5	16	8
8	13	4	7	6	7	18	4	7	6
9	14	19	18	4	8	17	12	18	4
10	16	11	9	2	9	17	17	9	2
11	18	3	0	0	10	17	12	0	0
20					19	15	10	18	4
30					29	13	4	7	6

Pace	Mile	Grail	D. wt	Quinc	Pace	Mile	Grail	D. wt	Quinc
1	3	3	16		13	9	9		
2	5	13	4		15	18	19		
3	8	2	13		16	8	6		
4	10	1	1		17	17	16		
5	13	1	10		18	7	3		
6	1	1	1			14	16	13	
7	1	1	1			17	6	0	
8	1	1	1			19	15	10	
9	1	1	1			22	4	19	
10	1	1	1						
11	1	1	1						
12	1	1	1						
13	1	1	1						
14	1	1	1						
15	1	1	1						
16	1	1	1						
17	1	1	1						
18	1	1	1						
19	1	1	1						
20	1	1	1						
21	1	1	1						
22	1	1	1						
23	1	1	1						
24	1	1	1						
25	1	1	1						
26	1	1	1						
27	1	1	1						
28	1	1	1						
29	1	1	1						
30	1	1	1						

Pace	Mile	Grain	D. wt.	Ounc.		Pace	Mile	Grain	D. wt.	Ounc.	
4	18	10	0	1	1	4	18	10	0	1	1
8	16	21	0	2	2	8	16	21	0	2	2
12	14	8	1	3	3	12	14	8	1	3	3
16	12	19	1	4	4	16	12	19	1	4	4
20	10	6	2	5	5	20	10	6	2	5	5
2	9	17	2	6	6	2	9	17	2	6	6
6	7	4	3	7	7	6	7	4	3	7	7
10	5	15	3	8	8	10	5	15	3	8	8
14	3	2	4	9	9	14	3	2	4	9	9
18	1	13	4	10	10	18	1	13	4	10	10
0	0	0	5	11	11	0	0	0	5	11	11
14	3	2	9	20	20	14	3	2	9	20	20
10	5	15	12	30	30	10	5	15	12	30	30

Pace	Mile	Grain	D. wt.	Ounc.		Pace	Mile	Grain	D. wt.	Ounc.	
3	11	2			1	3	11	2			1
6	9	5			2	6	9	5			2
9	7	11			3	9	7	11			3
12	4	10			4	12	4	10			4
15	3	12			5	15	3	12			5
18	0	15			6	18	0	15			6
21	17	17			7	21	17	17			7
2	9	20			8	2	9	20			8
5	0	23			9	5	0	23			9
8	11	2			10	8	11	2			10

Pace	Mile	Grain	D. wt.	Ounc.		Pace	Mile	Grain	D. wt.	Ounc.	
4	16	16	1	1	1	4	16	16	1	1	1
8	10	9	3	3	2	8	10	9	3	3	2
12	14	2	5	5	3	12	14	2	5	5	3
16	18	19	6	6	4	16	18	19	6	6	4
20	22	12	8	8	5	20	22	12	8	8	5
24	26	15	10	10	6	24	26	15	10	10	6
28	30	23	12	12	7	28	30	23	12	12	7
32	34	15	13	13	8	32	34	15	13	13	8
36	38	8	15	15	9	36	38	8	15	15	9
40	42	1	17	17	10	40	42	1	17	17	10
44	46	1	18	18	11	44	46	1	18	18	11
48	50	1	19	19	12	48	50	1	19	19	12
52	54	1	20	20	13	52	54	1	20	20	13
56	58	1	21	21	14	56	58	1	21	21	14
60	62	1	22	22	15	60	62	1	22	22	15
64	66	1	23	23	16	64	66	1	23	23	16
68	70	1	24	24	17	68	70	1	24	24	17
72	74	1	25	25	18	72	74	1	25	25	18
76	78	1	26	26	19	76	78	1	26	26	19
80	82	1	27	27	20	80	82	1	27	27	20
84	86	1	28	28	21	84	86	1	28	28	21
88	90	1	29	29	22	88	90	1	29	29	22
92	94	1	30	30	23	92	94	1	30	30	23
96	98	1	31	31	24	96	98	1	31	31	24
100	100	1	32	32	25	100	100	1	32	32	25

xvj gr.
 viij gr.
 iiij gr.
 iij gr.

Parts	Miles	Grain	D. wt	Ounc
10	5	3	1	1
20	10	6	2	2
3	16	9	3	3
18	1	13	4	4
6	7	16	5	5
16	13	19	6	6
4	18	22	7	7
14	3	2	8	8
3	9	5	9	9
12	14	8	10	10
0	0	12	11	11
2	9	17	12	12
14	3	2	13	13

Parts	Miles	Grain	D. wt	Ounc
10	5	3	1	1
20	10	6	2	2
3	16	9	3	3
18	1	13	4	4
6	7	16	5	5
16	13	19	6	6
4	18	22	7	7
14	3	2	8	8
3	9	5	9	9
12	14	8	10	10
0	0	12	11	11
2	9	17	12	12
14	3	2	13	13

Parts	Miles	Grain	D. wt	Ounc
18	13	2	0	0
15	5	5	0	0
11	18	7	0	0
3	10	11	0	0
4	13	4	0	0
1	15	17	0	0
19	18	9	0	0
16	21	3	0	0
12	23	15	0	0
9	3	8	1	1

Parts	Miles	Grain	D. wt	Ounc
18	13	2	0	0
15	5	5	0	0
11	18	7	0	0
3	10	11	0	0
4	13	4	0	0
1	15	17	0	0
19	18	9	0	0
16	21	3	0	0
12	23	15	0	0
9	3	8	1	1

Parts	Miles	Grain	D. wt	Ounc
18	13	2	0	0
15	5	5	0	0
11	18	7	0	0
3	10	11	0	0
4	13	4	0	0
1	15	17	0	0
19	18	9	0	0
16	21	3	0	0
12	23	15	0	0
9	3	8	1	1

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	2	5	7	10	12	15	17	0	0	2	5	7	10	12	15	17	0	0	2	5	7	10	12	15	17	0	0	2	5	7
3	3	7	12	17	21	25	28	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	76	79	82	85	88	91	94	97
4	4	10	19	28	37	46	55	64	73	82	91	100	109	118	127	136	145	154	163	172	181	190	199	208	217	226	235	244	253	262
5	5	12	21	31	41	51	61	71	81	91	101	111	121	131	141	151	161	171	181	191	201	211	221	231	241	251	261	271	281	291
6	6	15	25	36	47	58	69	80	91	102	113	124	135	146	157	168	179	190	201	212	223	234	245	256	267	278	289	300	311	322
7	7	17	28	40	52	64	76	88	100	112	124	136	148	160	172	184	196	208	220	232	244	256	268	280	292	304	316	328	340	352
8	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
9	9	2	12	22	32	42	52	62	72	82	92	102	112	122	132	142	152	162	172	182	192	202	212	222	232	242	252	262	272	282
10	10	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
11	11	7	12	17	22	27	32	37	42	47	52	57	62	67	72	77	82	87	92	97	102	107	112	117	122	127	132	137	142	147
12	12	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
13	13	12	17	22	27	32	37	42	47	52	57	62	67	72	77	82	87	92	97	102	107	112	117	122	127	132	137	142	147	152
14	14	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	94	99	104	109	114	119	124	129	134	139	144	149	154
15	15	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155

Pack.	Miles	Gra.	D. wt.
16	18	1	1
11	15	1	1
5	11	1	1
11	7	1	1
16	3	1	1
	10		
	15		
	7		
	16		
	1		

Two Carrots and half a Grain. In the Office

Parts	Mice	Grain	D.wt	Ounc	L. wt.
1	7	22	1	3	1
2	14	20	2	6	2
3	18	19	3	9	3
4	21	17	4	12	4
5	25	15	5	15	5
6	30	14	6	19	6
7	35	12	7	22	7
8	40	10	8	25	8
9	45	9	9	28	9
10	50	7	10	31	10
11	55	6	11	35	11
12	60	5	12	39	12
13	65	4	13	43	13
14	70	3	14	47	14
15	75	2	15	51	15
16	80	1	16	55	16
17	85	0	17	59	17
18	90	0	18	63	18
19	95	0	19	67	19
20	100	0	20	71	20
21	105	0	21	75	21
22	110	0	22	79	22
23	115	0	23	83	23
24	120	0	24	87	24

Parts	Mice	Grain	D.wt	Ounc	L. wt.
1	7	22	1	3	1
2	14	20	2	6	2
3	18	19	3	9	3
4	21	17	4	12	4
5	25	15	5	15	5
6	30	14	6	19	6
7	35	12	7	22	7
8	40	10	8	25	8
9	45	9	9	28	9
10	50	7	10	31	10
11	55	6	11	35	11
12	60	5	12	39	12
13	65	4	13	43	13
14	70	3	14	47	14
15	75	2	15	51	15
16	80	1	16	55	16
17	85	0	17	59	17
18	90	0	18	63	18
19	95	0	19	67	19
20	100	0	20	71	20
21	105	0	21	75	21
22	110	0	22	79	22
23	115	0	23	83	23
24	120	0	24	87	24

xvj gr.
viiij gr.
iii gr.
ij gr.
j gr.

Two Cannots 3 quarts of a Gallon. *de oleo Omani*

Parts.	Misc.	Grain.	D. wt.	Ounc.
12	14	20	3	1
2	9	17	7	2
14	3	14	11	3
4	18	10	15	4
16	12	7	19	5
6	7	4	3	7
18	1	1	7	8
8	16	21	10	9
20	20	18	14	10
10	5	15	18	11
0	0	0	2	13
10	10	6	17	23
8	16	21	15	35

Parts.	Misc.	Grain.	D. wt.	Ounc.
12	14	23	1	0
2	9	23	3	0
14	3	23	5	0
4	18	22	7	0
16	12	23	9	0
6	7	22	11	0
18	1	23	13	0
8	16	21	15	0
20	10	21	17	0
10	5	21	19	0
0	0	21	1	1

Parts.	Misc.	Grain.	D. wt.
14	19	3	0
7	19	5	0
21	18	8	0
14	18	11	0
6	18	14	0
21	17	17	0
13	17	20	0
6	17	23	0
30	16	2	1
13	26	5	1

Parts.	Misc.	Grain.	D. wt.
5	16	8	1
20	15	11	1
12	15	14	1
5	15	17	1
19	14	20	1
18	13		
18	12		
18	11		
20	10		
20	9		
20	8		
20	7		
20	6		
20	5		
20	4		
20	3		
20	2		
20	1		

Time Carried, etc. Grain, etc. 1812

Pats.	Miles	Grain	O. wt	O. unc
1	18	13	4	2
2	14	3	9	3
3	10	5	13	3
4	6	7	18	4
5	2	9	17	6
6	10	10	7	7
7	16	12	13	8
8	12	14	16	9
9	8	16	21	11
10	4	18	5	13
11	0	0	10	13
12	8	16	21	24
13	12	14	8	26

Pats.	Miles	Grain	O. wt	O. unc
1	8	1	3	0
2	16	2	6	0
3	1	4	9	0
4	10	5	13	0
5	18	6	15	0
6	4	8	18	0
7	12	9	21	0
8	10	10	2	1
9	6	12	3	1
10	14	13	4	1

Pats.	Miles	Grain	O. wt	O. unc
1	0	15	9	1
2	8	16	13	1
3	16	17	15	1
4	2	19	18	1
5	30	20	21	1
6	10	10	1	
7	8	16		
8	14	12		
9	12	11		

Parts.	Miles.	Grain.	D. wt.	D. unc.	Parts.	Miles.	Grain.	D. wt.	D. unc.
1	9	2	1	0	1	9	2	1	0
2	18	4	4	0	2	18	4	4	0
3	7	7	6	0	3	15	16	7	6
4	15	8	9	0	4	21	16	8	0
5	10	5	10	0	5	3	5	10	0
6	14	14	12	0	6	8	14	12	0
7	14	3	17	0	7	16	14	3	0
8	16	19	16	0	8	19	12	16	0
9	18	11	23	0	9	1	1	18	0
10	10	0	10	1	10	6	10	0	1
11	0	3	3	1	11	0	0	0	1
20					20	13	1		
30					30	19	13		

Parts.	Miles.	Grain.	D. wt.	Grain.	Parts.	Miles.	Grain.	D. wt.	Grain.
1	18	13	1	1	1	18	13	1	1
2	19	16	1	1	2	19	16	1	1
3	21	20	1	1	3	21	20	1	1
4	24	23	1	1	4	24	23	1	1
5	27	27	1	1	5	27	27	1	1
6	30	30	1	1	6	30	30	1	1
7	33	33	1	1	7	33	33	1	1
8	36	36	1	1	8	36	36	1	1
9	39	39	1	1	9	39	39	1	1
10	42	42	1	1	10	42	42	1	1
11	45	45	1	1	11	45	45	1	1
12	48	48	1	1	12	48	48	1	1
13	51	51	1	1	13	51	51	1	1
14	54	54	1	1	14	54	54	1	1
15	57	57	1	1	15	57	57	1	1
16	60	60	1	1	16	60	60	1	1
17	63	63	1	1	17	63	63	1	1
18	66	66	1	1	18	66	66	1	1
19	69	69	1	1	19	69	69	1	1
20	72	72	1	1	20	72	72	1	1
21	75	75	1	1	21	75	75	1	1
22	78	78	1	1	22	78	78	1	1
23	81	81	1	1	23	81	81	1	1
24	84	84	1	1	24	84	84	1	1
25	87	87	1	1	25	87	87	1	1
26	90	90	1	1	26	90	90	1	1
27	93	93	1	1	27	93	93	1	1
28	96	96	1	1	28	96	96	1	1
29	99	99	1	1	29	99	99	1	1
30	102	102	1	1	30	102	102	1	1

Table of the Value of Grains, and other Measures, in the County of Kent.

Grain.	Meas.	Value.	Grain.	Meas.	Value.	Grain.	Meas.	Value.
1	1	18	1	1	18	1	1	18
2	2	36	2	2	36	2	2	36
3	3	54	3	3	54	3	3	54
4	4	72	4	4	72	4	4	72
5	5	90	5	5	90	5	5	90
6	6	108	6	6	108	6	6	108
7	7	126	7	7	126	7	7	126
8	8	144	8	8	144	8	8	144
9	9	162	9	9	162	9	9	162
10	10	180	10	10	180	10	10	180
11	11	198	11	11	198	11	11	198
12	12	216	12	12	216	12	12	216
13	13	234	13	13	234	13	13	234
14	14	252	14	14	252	14	14	252
15	15	270	15	15	270	15	15	270
16	16	288	16	16	288	16	16	288
17	17	306	17	17	306	17	17	306
18	18	324	18	18	324	18	18	324
19	19	342	19	19	342	19	19	342
20	20	360	20	20	360	20	20	360
21	21	378	21	21	378	21	21	378
22	22	396	22	22	396	22	22	396
23	23	414	23	23	414	23	23	414
24	24	432	24	24	432	24	24	432
25	25	450	25	25	450	25	25	450
26	26	468	26	26	468	26	26	468
27	27	486	27	27	486	27	27	486
28	28	504	28	28	504	28	28	504
29	29	522	29	29	522	29	29	522
30	30	540	30	30	540	30	30	540

Grain.	Meas.	Value.	Grain.	Meas.	Value.	Grain.	Meas.	Value.
1	1	18	1	1	18	1	1	18
2	2	36	2	2	36	2	2	36
3	3	54	3	3	54	3	3	54
4	4	72	4	4	72	4	4	72
5	5	90	5	5	90	5	5	90
6	6	108	6	6	108	6	6	108
7	7	126	7	7	126	7	7	126
8	8	144	8	8	144	8	8	144
9	9	162	9	9	162	9	9	162
10	10	180	10	10	180	10	10	180
11	11	198	11	11	198	11	11	198
12	12	216	12	12	216	12	12	216
13	13	234	13	13	234	13	13	234
14	14	252	14	14	252	14	14	252
15	15	270	15	15	270	15	15	270
16	16	288	16	16	288	16	16	288
17	17	306	17	17	306	17	17	306
18	18	324	18	18	324	18	18	324
19	19	342	19	19	342	19	19	342
20	20	360	20	20	360	20	20	360
21	21	378	21	21	378	21	21	378
22	22	396	22	22	396	22	22	396
23	23	414	23	23	414	23	23	414
24	24	432	24	24	432	24	24	432
25	25	450	25	25	450	25	25	450
26	26	468	26	26	468	26	26	468
27	27	486	27	27	486	27	27	486
28	28	504	28	28	504	28	28	504
29	29	522	29	29	522	29	29	522
30	30	540	30	30	540	30	30	540

Carters & Grain and a party, with the O...

Part.	Miles	Grain	D.W.C.	Quar.
1	9	5	5	1
2	18	10	10	2
3	7	16	15	3
4	16	21	9	5
5	5	3	6	6
6	14	8	11	7
7	3	14	16	8
8	12	19	1	10
9	1	1	7	11
10	10	6	13	12
11	0	0	17	13
12	1	1	4	25
13	1	1	16	37

Part.	Miles	Grain	D.W.C.	Quar.
1	3	3	0	0
2	6	6	0	0
3	9	9	0	0
4	12	12	0	0
5	15	15	0	0
6	18	18	0	0
7	22	22	0	0
8	4	4	1	1
9	7	7	1	1
10	10	10	1	1
11	13	13	1	1

Pails.	Mice.	Grain.	D. wt.	Ounc.
8	16	21	5	1
16	12	19	18	2
2	9	17	17	3
10	5	15	3	4
18	1	13	9	5
4	18	10	15	6
12	14	8	1	7
20	10	6	7	8
6	7	4	13	9
14	3	3	19	10
0	0	0	5	11
6	7	4	18	12
20	10	6	17	13

Pails.	Mice.	Gr.	D. wt.
17	4	3	0
12	9	6	0
7	14	9	0
2	19	13	0
19	3	16	0
14	8	19	0
9	13	12	0
4	18	1	1
21	3	5	1
16	7	8	1

Pails.	Mice.	Grain.	D. wt.	Ounc.
16	3	16	2	0
10	12	7	4	0
2	9	11	6	0
10	5	15	8	0
18	1	19	10	0
4	18	2	12	0
12	14	2	15	0
20	10	6	17	0
6	7	10	19	0
14	3	14	1	1
0	0	18	3	1

Pails.	Mice.	Gr.	D. wt.
11	13	11	1
6	17	14	1
1	3	18	1
18	6	21	1
13	11	0	2
14	1	1	
6	17		
14	8		
7	4		
3			

xvj gr.
vii gr.
iii gr.
ij gr.
1 gr.

Part.	Gr.	Gr.	Gr.	Gr.
1	6	14	3	14
2	13	4	7	6
3	19	18	10	20
4	6	8	14	12
5	12	22	18	4
6	19	13	1	18
7	6	3	5	10
8	10	17	9	2
9	11	7	13	16
10	13	5	11	8
11	14	12	0	0
12	26	18	19	12
13	39	17	17	9

Part.	Gr.	Gr.	Gr.	Gr.
0	3	5	3	14
0	4	10	7	6
0	6	15	10	20
0	8	20	14	10
0	11	1	18	4
0	13	7	1	18
0	15	12	5	10
0	17	17	9	2
0	19	22	13	16
1	2	3	16	8
1	4	9	0	0

Part.	Gr.	Gr.	Gr.	Gr.
0	3	6	10	
0	6	13	21	
0	9	19	9	
0	13	5	10	
0	16	12	8	
0	19	18	19	
0	23	5	7	
1	2	11	18	
1	5	18	6	
1	9	4	17	

Part.	Gr.	Gr.	Gr.	Gr.
13	18			
15				
16	6			
17	12			
18	18			
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

Part	Me	Gr.	D.Wt
20	10	6	7
18	1	13	14
16	12	1	4
14	3	9	5
13	14	8	6
10	5	15	8
8	16	21	9
6	7	18	10
4	18	5	12
3	9	17	13
0	0	0	15
0	0	0	27
4	18	5	27
6	7	4	40

Part	Me	Gr.	D.Wt	Ounc
20	10	6	2	0
18	1	13	4	0
16	12	1	6	0
14	3	9	9	0
12	14	8	11	0
10	5	15	13	0
8	16	21	15	0
6	7	18	18	0
4	18	5	10	1
3	9	17	2	1
0	0	0	1	1

Part	Me	Gr.	D.Wt
4	8	3	0
8	16	6	0
12	4	10	0
16	12	13	0
20	0	17	0
3	9	10	0
6	17	33	0
10	5	3	1
14	15	6	1
18	7	10	1

Part	Me	Gr.	D.Wt	Gr.
0	10	13	1	18
4	18	16	1	15
8	6	10	1	16
12	14	13	1	17
16	3	3	2	18
20	16	1		xvi gr.
24	18	0		viii gr.
28	9	0		iii gr.
32	4	0		i gr.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
13	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
14	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
17	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63																																					

Parts	Meas	Grain	D. wt	Ounc
16	12	7	9	1
10	5	15	18	2
4	18	22	7	4
20	6	10	17	5
14	3	14	6	7
8	16	21	13	8
2	9	5	5	10
18	1	13	14	11
12	14	10	3	13
6	7	4	13	14
0	0	0	2	16
12	14	8	6	29
18	1	1	19	43

Parts	Meas	Grain	D. wt	Ounc
16	13	10	2	0
10	5	21	4	0
4	12	7	7	0
20	10	18	9	0
14	3	5	13	0
8	16	15	14	0
2	9	2	17	0
18	1	13	19	0
12	14	3	1	1
6	7	10	4	1
0	0	21	6	1

Parts	Meas	Grain	D. wt	Ounc
6	13	3	0	0
13	6	7	0	0
19	19	10	0	0
4	13	14	0	0
10	6	18	0	0
17	19	31	0	0
1	3	1	1	1
8	6	5	1	1
14	19	8	1	1
21	13	1	1	1

Parts	Meas	Grain	D. wt	Ounc
5	6	16	1	1
12	19	19	1	1
18	16	31	1	1
3	6	3	0	0
9	19	8	0	0
8	19	19	1	1
12	19	19	1	1
17	19	19	1	1
19	19	19	1	1
21	19	19	1	1

P.	M.	G.	D.	O.
1	6	7	16	1
2	12	14	8	3
3	18	1	1	4
4	2	9	2	6
5	8	16	13	7
6	14	3	4	9
7	20	10	18	10
8	4	18	10	13
9	10	5	3	13
10	16	12	19	15
11	0	0	12	16
12	10	5	15	30
13	4	18	10	46

P.	M.	G.	D.	O.
1	6	7	16	1
2	12	14	8	3
3	18	1	1	4
4	2	9	2	6
5	8	16	13	7
6	14	3	4	9
7	20	10	18	10
8	4	18	10	13
9	10	5	3	13
10	16	12	19	15
11	0	0	12	16
12	10	5	15	30
13	4	18	10	46

P.	M.	G.	D.	O.
1	6	7	16	1
2	12	14	8	3
3	18	1	1	4
4	2	9	2	6
5	8	16	13	7
6	14	3	4	9
7	20	10	18	10
8	4	18	10	13
9	10	5	3	13
10	16	12	19	15
11	0	0	12	16
12	10	5	15	30
13	4	18	10	46

P.	M.	G.	D.	O.
1	6	7	16	1
2	12	14	8	3
3	18	1	1	4
4	2	9	2	6
5	8	16	13	7
6	14	3	4	9
7	20	10	18	10
8	4	18	10	13
9	10	5	3	13
10	16	12	19	15
11	0	0	12	16
12	10	5	15	30
13	4	18	10	46

1	2	3	4	5	6
1	2	17	9	2	
2	3	5	10	18	4
3	4	18	4	7	6
4	5	10	21	16	8
5	6	3	12	5	10
6	7	16	2	14	12
7	8	9	3	3	14
8	9	13	1	12	16
9	10	14	13	1	18
10	11	7	6	10	20
11	12	0	0	0	0
12	13	14	13	1	18
13	14	1	19	12	16

1	2	3	4	5	6
0	2	17	9		
0	3	10	18		
0	4	18	4	7	
0	5	10	21	16	
0	6	3	12	5	10
0	7	16	2	14	12
0	8	9	3	3	14
1	9	13	1	12	16
1	10	14	13	1	18
1	11	7	6	10	20
1	12	0	0	0	0
1	13	14	13	1	18
1	14	1	19	12	16

1	2	3	4	5	6
0	4	1	18		
0	8	3	14		
0	12	5	10		
0	16	7	6		
0	20	9	2		
1	0	20	30		
1	4	12	16		
1	8	14	12		
1	12	16	8		
1	16	18	4		

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Part C. Carrots.

Part D. Carrots.

Part.	Gr.	D. wt.	Gr.	D. wt.
1	5	10	2	3
2	10	20	4	7
3	16	8	6	10
4	18	1	8	14
5	6	7	10	18
6	16	12	13	01
7	4	18	15	5
8	14	3	17	9
9	2	9	19	12
10	13	1	21	16
11	0	0	24	0
20	2	9	43	12
30	14	3	65	9

Part.	Gr.	D. wt.	Gr.	D. wt.
1	2	9	0	5
2	4	18	0	10
3	6	8	0	16
4	8	1	0	21
5	10	7	1	3
6	12	12	1	8
7	14	3	1	14
8	16	1	1	19
9	18	1	2	1
10	20	10	2	6
11	22	0	2	12

Part.	Gr.	D. wt.	Gr.	D. wt.
1	5	10	0	3
2	10	20	0	7
3	16	8	0	10
4	18	1	0	14
5	6	7	0	18
6	16	12	1	1
7	4	18	1	5
8	14	3	1	9
9	2	9	1	12
10	13	1	1	16
11	0	0	2	0

Part.	Gr.	D. wt.	Gr.	D. wt.
1	2	9	3	17
2	4	18	3	22
3	6	8	3	4
4	8	1	3	9
5	10	7	gr.	mi
6	12	12	3	18
7	14	3	1	9
8	16	1	1	3
9	18	1	c	14
10	20	10	0	7
11	22	0	c	3

(79)
 Foure Ingots of Gold.

<i>Car. Gra.</i>		<i>L.wt. Oz. D.wt. Gr.</i>
Better. 1, $1\frac{1}{2}$. Num. 1. —	4, 6, 10, 00	
Worfn. 1, $0\frac{1}{2}$. Num. 2. —	3, 7, 5, 00	
Worfn. 1, $2\frac{1}{2}$. Num. 3. —	6, 9, 10, 00	
Better. 1, 1, 0. Num. 4. —	8, 11, 00, 00	
	<hr/> 23, 10, 5, 00	

	<i>Oz. D.wt. Gra. Mit.</i>
Betternesse of Num. 1. —	3, 8, 3.
Betternesse of Num. 4. —	6, 1, 14.
Whole betternesse, —	<hr/> 9, 9, 17, 3.

	<i>Oz. D.wt. Gra. Mit.</i>
Worfnesse of Num. 2. —	2, 4, 5, 11.
Worfnesse of Num. 3. —	6, 5, 00, 13.
Whole worfnesse, —	<hr/> 8, 9, 6, 4.

Worfnesse deducted out 2 Oz. *Gra. Mit.*
 of the betternesse, rests 5 1, 0, 10, 19.

So this — 1 Oz. 00 *D.wt. 11 Gra.*
 Added to 23, *l.wt.* 10, — 5, — 00.

l.wt. Oz. d.wt. Gr.

Makes the 4 Ingots to be Stan. 23, 11, 5, 11.

Questions

Questions wrought by the Golden Rule,

For the Standard of 22 Carrots.

A Gold Ingot weighing 8, l. wt. 6 Oz. 16 d. wt. worse — 1 Carrot, 2 Graines 3 quarters; What will this amount to in Standard Gold.

The Worke.

Car. Gra.		L. wt.	Oz.	D. wt.	Gra.	Mis.
22, —	Z	8,	6,	16,		
1, -- 2, $\frac{3}{4}$		—	7,	17,	16,	18.

Thus 7 Ounces, 17 d. wt. 16 Graines, 18 Mis. Deducted out of -- 8, l. wt. 6 Ounces, 16 d. wt. Resteth, - 7, l. wt. 10 Oz. 18 d. wt. 7 Gra. 2 Mis. The Standard required.

AN Ingot of Gold weighing 8, lwt. 6, Oz.
 16, dwt. worse - 1 Carrot, 2 Gra, 3 quarts
 How much of -- 1 Carrot, 1 Grain better, will
 make it good to the Standard of 22 Carrots,

The Work.

Car.	Gra.	L.wt. Oz.	Dwt.	Gra.
Worse, 1,	2, $\frac{1}{2}$.	8,	6,	16.
Better, 1,	1.	11,	6,	15, 14.

This is wrought by the backe Rule.



A Gold Ingot weighing — 8. Pound weight
 worie, — 2 Car. — 1 Graine.
 How much is to be taken thereof and fyned to
 1 Car. — 3 Graines better to make good the rest
 to the Standard of — 12 Car.

The Worke.

Car. Gra.	L. wt.	Ca. Gr.	L. wt. Oz. d. wt. gr.
2, 1.	Z 8.	23, 3.	Z 10, 3, 8, 14
1, 3.	10, 3, 8, 14	19, 3.	12, 4, 8, 13

8.	1. wt. Oz. d. gr.	L. wt. Oz. d. wt. gr.
12. 4. 8. 13.	20. 4. 8. 13.	Z 12. 4. 8. 13.
10. 4. 8. 13.	8. 0. 0. 0.	4. 10. 5. 22.

So there is to be fyned, — 4. 10. 5. 22.

The same Question wrought thus.

Ca. Gr.	Ca. gr.	Ca. gr.	L. wt. Oz.	D. wt. Gra.
19. 3.	X 1. 3.	23. 3.	Z 8.	
13. 3.	2. 1.	22. 0.	8.	7. 12. 18.
4.	4. 0.	Z 8.	7.	12. 18.
	2. 1.	4.	10.	5. 22.

So by this way there } L. wt. Oz. D. wt. Gra.
 is to be fyned, } 4. 10. 5. 22.

<i>Pound-wt.</i>	Gold. <i>Quarter of a graine.</i>	<i>Ounce.</i>	Gold. <i>Quarter of a graine.</i>

1	0340909	1	0028409
2	0681818	2	0056818
3	1022727	3	0085227
4	1363636	4	0113636
5	1704545	5	0142045
6	2045454	6	0170454
7	2386363	7	0198863
8	2727272	8	0227272
9	3068181	9	0255681
<i>D. wt.</i>		<i>Grain</i>	

1	0001420	1	0000059
2	0002841	2	0000118
3	0004261	3	0000177
4	0005682	4	0000237
5	0007102	5	0000296
6	0008522	6	0000355
7	0009942	7	0000414
8	0011363	8	0000473
9	0012784	9	0000533

Parts

Gold.

Parts of an Ounce		Quarter of a Grain.		Quarter of a Grain.	
D.wt.Gr.		D.wt.Gr.		D.wt.Gr.	
1	6	0001775	11	6	0015980
2	12	0003551	12	12	0017755
3	18	0005326	13	18	0019531
5		0007102	15		0021306
6	6	0008878	16	6	0023082
7	12	0010653	17	12	0024858
8	18	0012429	18	18	0026633
10		0014204			

Mites.		Mites.		Mites.	
Fourth.		Graines.		Graines.	
1	1	1	0. 9	1	0. 9
2	2	2	0.19	2	0.19
3	3	3	1. 9	3	1. 9
4	4	4	1.18	4	1.18
5	5	5	2. 8	5	2. 8
6	6	6	2.18	6	2.18
7	7	7	3. 7	7	3. 7
8	8	8	3.17	8	3.17
9	9	9	4. 6	9	4. 6

Mites.		Mites.		Mites.	
Graines.		Graines.		Graines.	
1	0. 4.16	1	0. 4.16	1	0. 4.16
2	0. 9.12	2	0. 9.12	2	0. 9.12
3	0.14. 8	3	0.14. 8	3	0.14. 8
4	0.19. 4	4	0.19. 4	4	0.19. 4
5	1.00. 0	5	1.00. 0	5	1.00. 0
6	1. 4.16	6	1. 4.16	6	1. 4.16
7	1. 9.12	7	1. 9.12	7	1. 9.12
8	1.14. 8	8	1.14. 8	8	1.14. 8
9	1.19. 4	9	1.19. 4	9	1.19. 4

Mites.		Mites.		Mites.	
Graines.		Graines.		Graines.	
1	0. 4.16	1	0. 4.16	1	0. 4.16
2	0. 9.12	2	0. 9.12	2	0. 9.12
3	0.14. 8	3	0.14. 8	3	0.14. 8
4	0.19. 4	4	0.19. 4	4	0.19. 4
5	1.00. 0	5	1.00. 0	5	1.00. 0
6	1. 4.16	6	1. 4.16	6	1. 4.16
7	1. 9.12	7	1. 9.12	7	1. 9.12
8	1.14. 8	8	1.14. 8	8	1.14. 8
9	1.19. 4	9	1.19. 4	9	1.19. 4

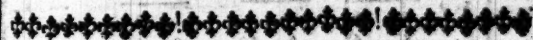
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Date		Description		Amount	
1890	Jan 1	Balance		100.00	
	Feb 1	Interest		5.00	
	Mar 1	Interest		5.00	
	Apr 1	Interest		5.00	
	May 1	Interest		5.00	
	Jun 1	Interest		5.00	
	Jul 1	Interest		5.00	
	Aug 1	Interest		5.00	
	Sep 1	Interest		5.00	
	Oct 1	Interest		5.00	
	Nov 1	Interest		5.00	
	Dec 1	Interest		5.00	
1891	Jan 1	Balance		100.00	
	Feb 1	Interest		5.00	
	Mar 1	Interest		5.00	
	Apr 1	Interest		5.00	
	May 1	Interest		5.00	
	Jun 1	Interest		5.00	
	Jul 1	Interest		5.00	
	Aug 1	Interest		5.00	
	Sep 1	Interest		5.00	
	Oct 1	Interest		5.00	
	Nov 1	Interest		5.00	
	Dec 1	Interest		5.00	

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Here followeth **TABLES** for **GOLD**
 to this purpose, to find what **Pound**
weight, **Ounces**, and **Parts**,
 should bee of **Betteresse**
 or **Worsesse**.



I

Pound

Pound-weight Gold.

		1.	2.	3.	4.
		D.t.Gr.	D.t.Gr.	D.t.Gr.	D.t.Gr.
gr.	0	0 35	2 6	1 21	2 13
	1	3 6	3 12	3 18	5
	2	1 21	3 18	5 15	7 12
	3	2 12	5	7 12	10
gr.	1	3 3	6 6	9 9	12 12
	2	3 18	7 12	11 6	15
	3	4 9	8 18	13 3	17 12
	0	5 0	10	15 0	1 0 0
gr.	1	5 15	11 6	16 21	2 12
	2	5 6	12 12	18 18	5
	3	6 21	13 18	1 0 15	7 12
	0	7 12	15	1 2 12	10
gr.	1	8 3	16 6	1 4 9	12 12
	2	8 18	17 12	1 6 6	15
	3	9 9	18 18	1 8 3	17 12
	0	10	1 0 0	1 10 0	2 0
C. gr.	1	10 15	1 1 6	1 11 21	2 2 12
	2	11 6	1 2 12	1 13 18	2 5
	3	11 21	1 3 18	1 15 15	2 7 12
	0	12 12	1 5	1 17 12	2 10
C. gr.	1	13 3	1 6 6	1 19 9	2 12 12
	2	13 18	1 7 12	2 1 6	2 15
	3	14 9	1 8 18	2 3 3	2 17 12
	0	15 0	1 10	2 5	3
C. gr.	1	15 15	1 11 6	2 6 21	3 2 12
	2	16 6	1 12 12	2 8 18	3 5
	3	16 21	1 13 18	2 10 15	3 7 12
	0	17 12	1 15	2 12 12	3 10
C. gr.	1	18 3	1 16 6	2 14 9	3 12 12
	2	18 18	1 17 12	2 16 6	3 15
	3	19 9	1 18 18	2 18 3	3 17 12

Pound-weight, Gold.

1.	2.	3.		6.		7.		8.	
		Dwt. Gr.		Dwt. Gr.		Dwt. Gr.		Dwt.	
gr.	1	3	3	3	18	4	9	Ounces	5
	2	6	6	7	12	8	18	Ounces	10
	3	9	9	11	6	13	3	Ounces	15
	4	12	12	15	0	17	12	1	0
	5	15	15	18	18	1	1	21	1
gr.	2	18	18	1	2	1	6	6	1
	3	21	21	1	6	1	10	15	1
	4	24	24	2	0	2	15	0	2
	5	27	27	2	12	2	19	9	2
	6	30	30	2	18	2	3	18	2
gr.	3	33	33	2	24	2	8	3	2
	4	36	36	3	0	3	12	12	3
	5	39	39	3	6	3	16	31	3
	6	42	42	3	12	3	1	6	3
	7	45	45	3	18	3	5	19	3
C. gr.	1	48	48	4	0	4	10	0	4
	2	51	51	4	6	4	14	9	4
	3	54	54	4	12	4	18	18	4
	4	57	57	4	18	4	2	3	4
	5	60	60	5	0	5	6	6	5
C. gr.	1	63	63	5	6	5	10	12	5
	2	66	66	5	12	5	14	21	5
	3	69	69	5	18	5	18	6	5
	4	72	72	5	24	5	2	15	5
	5	75	75	6	0	6	6	0	6
C. gr.	1	78	78	6	6	6	10	9	6
	2	81	81	6	12	6	14	18	6
	3	84	84	6	18	6	18	3	6
	4	87	87	6	24	6	2	6	6
	5	90	90	7	0	7	6	0	7
C. gr.	1	93	93	7	6	7	10	12	7
	2	96	96	7	12	7	14	21	7
	3	99	99	7	18	7	18	6	7
	4	102	102	7	24	7	2	15	7
	5	105	105	8	0	8	6	0	8

Standard-Weight Gold

8	No.	9. 3		10.		11.	
		D. & Gr.		D. & Gr.		D. & Gr.	
	1	Ounces.	5 15	Ounces.	6 6	Ounces.	6 21
	2		11 6		12 12		13 18
	3		16 21		18 18		1 0 15
gr.	0		1 2 12		1 5 12		1 7 12
1	1		2 8 3		1 11 6		1 14 9
	2		1 13 18		1 17 12		2 1 6
	3		2 19 9		2 3 18		2 8 3
gr.	0		2 5 0		2 10 0		2 15 0
2	1		2 10 15		2 16 6		3 1 21
	2		2 16 6		3 2 12		3 8 18
	3		3 1 21		3 8 18		3 15 15
gr.	0		3 7 12		3 15 0		4 2 12
3	1		3 13 3		4 1 6		4 9 9
	2		3 18 18		4 7 12		4 16 6
	3		4 4 9		4 13 18		5 3 3
C. gr.	0		4 10 0		5 0 0		5 10 0
1 0	1		4 15 15		5 6 6		5 16 21
	2		5 1 6		5 12 12		6 3 18
	3		5 6 21		5 18 18		6 10 15
C. gr.	0		5 12 12		6 5 0		6 17 12
1 1	1		5 18 3		6 11 6		7 4 9
	2		6 3 18		6 17 12		7 11 6
	3		6 9 9		7 3 18		7 18 3
C. gr.	0		6 15 0		7 10 0		8 5 0
1 2	1		7 0 15		7 16 6		8 11 21
	2		7 6 6		8 2 12		8 18 18
	3		7 11 21		8 8 18		9 5 15
C. gr.	0		7 17 12		8 15 0		9 12 12
1 3	1		8 3 3		9 1 6		9 19 9
	2		8 8 18		9 7 12		10 6 6
	3		8 14 9		9 13 18		10 13 3

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Ounces, Gold.

Quant.	1.	2.	3.	4.
	Gr. Mit	Gr. Mit	Gr. Mit	Gr.
1	1 5	3 10	3 15	5
2	2 10	5 0	7 10	10
3	3 15	7 10	11 5	15
0	5 0	10 0	15 0	20
1	6 5	12 10	18 15	1 1
2	7 10	15 0	22 10	1 6
3	8 15	17 10	1 2 5	1 11
0	10 0	20 0	1 6	1 16
1	11 5	22 10	1 9 15	1 21
2	12 10	1 1	1 13 10	2 2
3	13 15	1 3 10	1 17 5	2 7
0	15 0	1 6 0	1 21 0	2 12
1	16 5	1 8 10	2 0 15	2 17
2	17 10	1 11	2 4 10	2 22
3	18 15	1 13 10	2 8 5	3 3
0	20 0	1 16 0	2 12 0	3 8
1	21 5	1 18 10	2 15 15	3 13
2	22 10	1 21	2 19 10	3 18
3	23 15	1 23 10	2 23 5	3 23
0	25 0	2 2 0	3 3	4 4
1	26 5	2 4 10	3 6 15	4 9
2	27 10	2 7 10	3 10 10	4 14
3	28 15	2 9 10	3 14 5	4 19
0	30 0	2 12 0	3 18 0	5 0
1	31 5	2 14 10	3 21 15	5 5
2	32 10	2 17 10	4 1 10	5 10
3	33 15	2 19 10	4 5 5	5 15
0	35 0	2 22 0	4 9 0	5 20
1	36 5	3 0 10	4 12 15	6 1
2	37 10	3 3 0	4 16 10	6 6
3	38 15	3 5 10	4 20 5	6 11

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Ounces, Gold.

	Quart.	5.		6.		7.		8.	
		Gr. Mit	Penny-wt.	Gr. Mit	Penny-wt.	Gr. Mit	Penny-wt.	Gr. Mit	Penny-wt.
	1	6	5	7	10	8	15	10	10
	2	12	10	15	0	17	10	20	20
	3	18	15	22	10	1	2	1	6
1 lb.	0	1	2	1	6	1	11	1	16
	1	1	7	1	13	1	19	2	2
	2	1	13	1	21	2	4	2	12
	3	1	19	2	4	2	13	2	22
1 lb.	0	2	2	2	12	2	12	3	8
	1	2	8	2	19	3	6	3	18
	2	2	14	3	3	3	15	4	4
	3	2	20	3	10	4	0	4	14
1 lb.	0	3	3	3	18	4	9	5	0
	1	3	9	4	1	4	17	5	10
	2	3	15	4	9	5	2	5	20
	3	3	21	4	16	5	11	6	6
C. gr.	0	4	4	5	0	5	20	6	16
	1	4	10	5	7	6	4	7	2
	2	4	16	5	15	6	13	7	12
	3	4	22	5	22	6	22	7	22
C. gr.	0	5	5	6	6	7	7	8	8
	1	5	11	6	13	7	15	8	18
	2	5	17	6	21	8	0	9	4
	3	5	23	7	4	8	9	9	14
C. gr.	0	6	6	7	12	8	18	10	0
	1	6	12	7	19	9	2	10	10
	2	6	18	8	3	9	11	10	10
	3	7	20	8	10	9	20	11	6
C. gr.	0	7	7	8	18	10	5	11	16
	1	7	13	9	1	10	13	12	2
	2	7	19	9	9	10	22	12	12
	3	8	1	9	16	11	7	13	22

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Ounces. Gold.

	9.	10.	11.
	Gr. Mk.	Gr. Mk.	Gr. Mk.
	11 5	12 10	13 15
	12 10	13 5	14 10
	13 5	14 10	15 5
gr.	14 0	15 5	16 10
1	15 5	16 10	17 5
2	16 10	17 5	18 10
3	17 5	18 10	19 5
gr.	18 0	19 5	20 10
1	19 5	20 10	21 5
2	20 10	21 5	22 10
3	21 5	22 10	23 5
gr.	22 0	23 5	24 10
1	23 5	24 10	25 5
2	24 10	25 5	26 10
3	25 5	26 10	27 5
gr.	28 0	29 5	30 10
1	29 5	30 10	31 5
2	30 10	31 5	32 10
3	31 5	32 10	33 5
C. gr.	34 0	35 5	36 10
1	35 5	36 10	37 5
2	36 10	37 5	38 10
3	37 5	38 10	39 5
C. gr.	40 0	41 5	42 10
1	41 5	42 10	43 5
2	42 10	43 5	44 10
3	43 5	44 10	45 5
C. gr.	48 0	49 5	50 10
1	49 5	50 10	51 5
2	50 10	51 5	52 10
3	51 5	52 10	53 5
C. gr.	56 0	57 5	58 10
1	57 5	58 10	59 5
2	58 10	59 5	60 10
3	59 5	60 10	61 5
C. gr.	64 0	65 5	66 10
1	65 5	66 10	67 5
2	66 10	67 5	68 10
3	67 5	68 10	69 5

Ounces, Gold.

Quart.		5.		6.		7.		8.	
		Gr. Min.	Penny-wt.	Gr. Min.	Penny-wt.	Gr. Min.	Penny-wt.	Gr.	Penny-wt.
1	1	6	5	7	10	8	15	10	
	2	12	10	15	0	17	10	20	
	3	18	15	22	10	2	5	6	
	0	1	0	1	0	1	0	1	16
2	1	1	5	1	10	1	15	2	2
	2	1	10	1	20	2	4	2	12
	3	1	15	2	4	2	13	2	22
	0	2	0	2	0	2	0	3	8
3	1	2	5	2	10	3	6	3	18
	2	2	10	3	3	3	15	4	4
	3	2	15	3	10	4	0	4	14
	0	3	0	3	0	4	0	5	0
C. gr.	1	3	5	4	10	4	17	5	10
	2	3	10	4	9	5	2	5	20
	3	3	15	4	16	5	11	6	6
	0	4	0	5	0	5	0	6	16
I 0	1	4	5	5	10	6	4	7	2
	2	4	10	5	15	6	13	7	12
	3	4	15	5	22	6	22	7	22
	0	5	0	6	0	7	0	8	8
G. gr.	1	5	5	6	10	7	15	8	18
	2	5	10	6	21	8	0	9	4
	3	5	15	7	4	8	9	9	14
	0	6	0	7	0	8	0	10	0
C. gr.	1	6	5	7	10	9	2	10	10
	2	6	10	8	3	9	11	10	20
	3	7	0	8	10	9	20	11	6
	0	7	0	8	0	10	0	11	16
G. gr.	1	7	5	9	1	10	13	12	2
	2	7	10	9	9	10	22	10	12
	3	8	1	9	16	11	7	11	22

(A)

Ounces. Gold.

	9.	10.	11.
Gr. M. L.	Gr. M. L.	Gr. M. L.	Gr. M. L.
1	11 5	12 10	13 15
2	12 10	13 0	14 10
3	13 5	14 10	15 5
gr. 0	14 0	15 0	16 0
1	15 5	16 10	17 15
2	17 0	18 0	19 10
3	18 5	19 10	20 5
gr. 0	19 0	20 0	21 0
1	20 5	21 10	22 15
2	22 0	23 0	24 10
3	23 5	24 10	25 5
gr. 0	24 0	25 0	26 0
1	25 5	26 10	27 15
2	27 0	28 0	29 10
3	28 5	29 10	30 5
gr. 0	29 0	30 0	31 0
1	30 5	31 10	32 15
2	32 0	33 0	34 10
3	33 5	34 10	35 5
C. gr. 0	34 0	35 0	36 0
1	35 5	36 10	37 15
2	37 0	38 0	39 10
3	38 5	39 10	40 5
C. gr. 0	39 0	40 0	41 0
1	40 5	41 10	42 15
2	42 0	43 0	44 10
3	43 5	44 10	45 5
C. gr. 0	44 0	45 0	46 0
1	45 5	46 10	47 15
2	47 0	48 0	49 10
3	48 5	49 10	50 5
C. gr. 0	49 0	50 0	51 0
1	50 5	51 10	52 15
2	52 0	53 0	54 10
3	53 5	54 10	55 5
C. gr. 0	54 0	55 0	56 0
1	55 5	56 10	57 15
2	57 0	58 0	59 10
3	58 5	59 10	60 5

(4)

Gold

		1. d. 6. gr.	2. d. 12. g.	3. d. 18. g.	5. d. wt.
		Nit. Dr.	Mi. Dr.	Mic. Dr.	Mi. Dr.
gr.	1	1 13 1/2	3 3	4 16 1/2	6 6
	2	3 13	6 6	9 9	12 12
	3	4 16 1/2	9 9	14 14 1/2	18 18
	0	6 6	12 12	18 18	24 24
gr.	1	7 19 1/2	15 15	2 3 10 1/2	2 11 6
	2	9 9	18 18	3 8 3	3 17 12
	3	10 11 1/2	21 21	4 11 19 1/2	4 3 18
	0	12 12	24 24	4 17 12	5 20 6
gr.	1	14 14 1/2	2 8 3	5 2 4 1/2	5 16 6
	2	15 15 1/2	3 11 6	6 6 21 1/2	6 2 12
	3	17 17 1/2	4 14 9	7 11 13 1/2	7 8 18
	0	18 18 1/2	5 17 12	8 16 6	8 17 0
gr.	1	1 0 7 1/2	6 0 15	9 0 22 1/2	9 1 6
	2	1 1 14 1/2	7 3 18	10 3 15	10 7 12
	3	1 3 10 1/2	8 6 21	11 10 7 1/2	11 13 18
	0	1 5 0	9 9 0	12 13 0	12 17 0
C. gr.	1	1 6 13 1/2	10 13 3	13 19 16 1/2	13 6 6
	2	1 8 3 1/2	11 16 6	14 4 9	14 12 12
	3	1 9 16 1/2	12 19 9	15 9 15 1/2	15 18 18
	0	1 11 6 1/2	13 22 12	16 13 18	16 24 0
C. gr.	1	1 12 19 1/2	14 25 15	17 18 10 1/2	17 11 6
	2	1 14 9	15 28 18	18 3 3	18 17 12
	3	1 15 22 1/2	16 31 21	19 7 19 1/2	19 3 18
	0	1 17 12 1/2	17 34 0	20 12 12	20 10 0
C. gr.	1	1 19 15 1/2	18 37 3	21 17 4 1/2	21 16 6
	2	2 0 15 1/2	19 40 6	22 13 1	22 2 12
	3	2 2 4 1/2	20 43 9	23 18 13 1/2	23 8 18
	0	2 3 18 1/2	21 46 12	24 23 6 1/2	24 13 0
C. gr.	1	2 5 7 1/2	22 49 15	25 28 23 1/2	25 1 6
	2	2 6 21 1/2	23 52 18	26 33 15	26 7 12
	3	2 8 10 1/2	24 55 21	27 38 7 1/2	27 13 18
	0				

Gold.

		6.d.6.gr.	7.d.12.g.	8.d.18.g.	10.d.wt
		Quart.	Crains.	Crains.	Crains.
gr.	0	1 11 6	1 17 12	2 3 18	2 10 0
	1	1 19 12	2 6 21	3 14 16	3 2 12
	2	2 6 21	2 16 6	3 5 15	3 15 9
	3	2 14 16	3 5 15	3 16 13	4 7 12
gr.	0	3 2 12	3 15 0	4 7 12	5 0 0
	1	3 10 7	4 4 9	5 18 16	5 12 12
	2	3 18 3	4 13 18	5 9 9	6 5 0
	3	4 5 12	5 3 3	6 0 7	6 17 12
gr.	0	4 13 18	5 12 12	6 11 6	7 10 0
	1	5 3 13	6 1 21	7 2 4	8 2 12
	2	5 9 9	6 11 6	7 13 3	8 5 0
	3	5 17 8	7 0 15	8 4 1	9 7 12
C. gr.	0	6 5 0	7 10 0	8 15 0	10 0 0
	1	6 12 19	7 19 9	9 5 22	10 12 12
	2	7 0 15	8 8 18	9 16 21	11 5 0
	3	7 8 10	8 18 3	10 7 19	11 17 12
C. gr.	0	7 16 6	9 7 12	10 18 18	12 10 0
	1	8 4 17	9 16 21	11 9 16	13 2 12
	2	8 11 21	10 6 6	12 0 15	13 15 0
	3	8 19 16	10 15 15	12 11 13	14 7 12
C. gr.	0	9 7 12	11 5 0	13 2 12	15 0 0
	1	9 15 7	11 14 9	13 13 10	15 12 12
	2	10 3 3	12 3 18	14 4 9	16 5 0
	3	10 10 22	12 13 3	14 15 7	16 17 12
C. gr.	0	10 18 18	13 2 12	15 6 6	17 10 0
	1	11 6 13	13 11 21	15 17 4	18 2 12
	2	11 14 9	14 1 6	16 8 3	18 15 0
	3	12 2 4	14 10 15	16 19 1	19 7 12



A T A B L E for the Addition of
G O L D, rating by the common
way.



Dance

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Gold.				(11)				(12)			
Oz.	Dwt.	Grain.	Mites.	Parts.	Dwt.	Grain.	Mites.	Parts.	Mites.	Grain.	Parts.
1	1	19	12	8	1	2	3	7	1	6	9
2	3	15	5	5	2	4	7	3	3	3	7
3	5	10	18	2	3	6	10	10	5	5	5
4	7	6	10	10	4	8	14	6	7	3	3
5	9	2	3	7	5	10	18	2	9	1	1
6	10	21	16	4	6	13	1	9	10	10	10
7	12	17	9	1	7	15	5	5	12	8	8
8	14	13	1	9	8	17	9	1	14	6	6
9	16	8	14	6	9	19	12	8	16	4	4
10	18	4	7	3	10	21	16	4	18	2	2
11	1	0	00	0	11	1	0	0	1	0	0
20	1	16	8	14	12	1	2	3	1	1	9
30	2	14	13	11	13	1	4	7	1	3	7
40	3	12	17	9	14	1	6	10	1	5	5
50	4	10	21	16	15	1	8	14	1	7	3
60	5	9	2	3	16	1	10	18	1	9	1
70	6	7	6	10	17	1	12	1	1	10	10
80	7	5	10	18	18	1	15	5	1	12	8
90	8	3	15	5	19	1	17	9	1	14	6
100	9	1	19	12					1	16	4
200	18	3	15	5					1	18	2
300	27	5	16	18					2	0	0
400	36	7	6	10					2	1	9
500	45	9	2	3							
600	54	10	21	16							

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 of LONDON.

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 Ex^d by me John Reynolds

